

XX New isolated G protein coupled receptor polypeptides and polynucleotides,
PT useful in gene therapy, particularly for treating or preventing
PT cardiomyopathy, atherosclerosis, diabetes, multiple sclerosis, Crohn's
PT disease or cancer.

XX Example 2; Page 234; 252pp; English.

XX This invention relates to a new isolated G-protein coupled receptor
CC (GPCRX) polypeptide sequence and the cDNA encoding it. The GPCRX
CC polypeptide, GPCRX nucleic acid and an antibody specific to the protein
CC are useful for treating, preventing or alleviating a GPCRX-associated
CC disorder or a pathological state in a subject, particularly a human. In
CC particular, the disorder is cardiomyopathy, atherosclerosis, diabetes, or
CC a disorder related to cell signal processing and metabolic pathway
CC modulation. The GPCRX polypeptide and nucleic acid are also useful for
CC diagnosing the presence of or predisposition to a disease associated with
CC altered levels of GPCRX, particularly cancer. The GPCRX nucleic acid and
CC polypeptide are especially useful in the manufacture of a medicament for
CC therapeutic or prophylactic applications for disorders associated with
CC aberrant GPCRX expression or activity, e.g. Von Hippel-Lindau syndrome,
CC Alzheimer's disease, stroke, tuberculous sclerosis, hypercalcaemia,
CC Parkinson's disease, Huntington's disease, cerebral palsy, epilepsy,
CC Leech-Nyhan syndrome, multiple sclerosis, ataxia-cerebellar ataxia,
CC leukodystrophies, addiction, anxiety, depression, pain, obesity, Crohn's
CC disease, osteoporosis, inflammatory bowel disease, infertility,
CC hypertension, scleroderma, haemophilia, asthma, arthritis, human
CC immunodeficiency virus, autoimmune disease; HIV, viral, fungal, bacterial
CC or protozoal infections, or graft-versus -host disease. The DNA encoding
CC the protein is useful in gene therapy for treating the above conditions.
CC The polypeptides can be used as immunogens to produce antibodies and as
CC vaccines. The nucleic acids are further used as hybridisation probes, in
CC chromosome mapping, tissue typing, preventive medicine, and
CC pharmacogenomics. These are also useful in developing powerful assay
CC system for functional analysis of various human disorders, as well as in
CC diagnostic applications. The present sequence represents a real time PCR
CC primer used to quantitate expression of the human G protein coupled
CC receptor related protein (GPCR) of the invention

SO Sequence 22 BP; 3 A; 8 C; 1 G; 10 T; 0 U; 0 Other;

OY 5321 TCCTTTCTCTTGGCTCA 5341
 ||||| |||||
Db 1 TCGTTCCTGTCATTTCTCA 21

RESULT 3428
ID ABL49702/C
ABL49702 standard; DNA; 22 BP.

AC ABL49702;
XX
XX
DE 28-MAY-2002 (first entry)
XX
XX Mouse fat accumulation promoting related PCR primer SEQ ID NO:10.
XX
KW Mouse; fat accumulation; promotion; inhibition; adipocyte; fat content; ;
KW antidiabetic; anti-lipaeamic; hypotensive; antiarteriosclerotic; cardiant;
KW antianemic; fat accumulation inhibitor; fat-associated disease;
KW diabetes; hyperlipaemia; hypertension; arteriosclerosis; angina;
KW coronary artery disease; myocardial infarction; PCR primer; ss.
XX
OS Mus sp.
XX
XX WO200210772-A1.
XX
XX 07-FEB-2002.
XX
XX 16-JUN-2001; 2001WO-JP006132.
XX
XX

[illegible]

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PD 27-JUN-2002.
XX
XX 18-DEC-2001; 2001WO-US049347.
XX
XX 18-DEC-2000; 2000US-0256635P.
XX
XX 21-DEC-2000; 2000US-0257876P.
XX
XX 04-JAN-2001; 2001US-0259743P.
XX
XX 10-JAN-2001; 2001US-0260718P.
XX
XX 12-JAN-2001; 2001US-0261498P.
XX
XX 24-JAN-2001; 2001US-0263689P.
XX
XX 08-FEB-2001; 2001US-0267464P.
XX
XX 22-FEB-2001; 2001US-0271021P.
XX
XX 14-MAR-2001; 2001US-0275946P.
XX
XX 23-MAR-2001; 2001US-0278150P.
XX
XX 18-APR-2001; 2001US-0284591P.
XX
XX 23-APR-2001; 2001US-0285718P.
XX
XX 19-JUN-2001; 2001US-0293327P.
XX
XX 16-AUG-2001; 2001US-0312902P.
XX
XX (CURA-) CURAGEN CORP.
XX
XX L4 L, Padigaru M, Ballinger RA, Kekuda R, Colman SD, Sciore P;
PI Smtison G, Peyman JA, Macdougall JR, Stone D, Vernet CAM, Shenoy S;
PI Gunther B, Millet I, Tcherev VT, Anderson D, Gusev V, Malyankar UM;
PI Zhong H, Ellerman KE, Wolenc A;
XX
XX WPI; 2002-557660/59.
XX
XX New isolated human G-protein coupled receptor X (GPCRX) polypeptide,
PT useful for treating or preventing GPCR-associated disorders e.g.
PT diabetes, atherosclerosis, cancer or obesity.
XX
XX Example 3; Page 248; 354pp; English.
XX
XX ABQ8354 to ABQ8417 represent human G protein coupled receptor (GPCR)
CC cDNA sequences, and ABP51560 to ABP51624 represent human GPCR proteins
CC from the present invention. GPCR sequences can have neuroprotective,
CC neurotropic, anti-HIV, antiasthmatic, antiarteriosclerotic, cyostatic,
CC immunomodulator, antiinflammatory, antidiabetic, anorectic, haemostatic,
CC antibacterial, fungicide, protozoal, virucide, nephrotropic, osteopathic,
CC cardiant, antidiabetic, antiallergic, hepatotropic and antiparkinsonian
CC activities, and can be used in vaccines and gene therapy. GPCR proteins,
CC nucleic acid molecules, and antibodies from the present invention can be
CC used for manufacturing a medicament for treating or preventing a GPCR-
CC associated disorder or syndrome related to cell signal processing and
CC metabolic pathway modulation, such as cardiomyopathy, atherosclerosis,
CC diabetes, cancer, obesity, infections (bacterial, fungal, protozoal or
CC viral), HIV, asthma, Parkinson's disease, osteoporosis, Crohn's disease,
CC ulcer, allergies, cirrhosis, glomerulonephritis, stroke, systemic lupus
CC erythematosus, or haematopoietic disorders. Anti-GPCR antibodies can be
CC used diagnostically to monitor protein levels in tissues as part of a
CC clinical testing procedure such as in determining the efficacy of a given
CC treatment regimen. ABQ8418 to ABQ8639 represent PCR primers and probes
CC for the human GPCRs of the present invention
XX
XX Sequence 22 BP; 12 A; 3 C; 6 G; 1 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3921 CTTTGGCTTTCTTCCTCCT 3941
DB 21 CTTTGGCTTTCTTCATCCT 1

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XX
XX Human lymphoma-specific immunoglobulin PCR primer VkapazL.
DE
XX
XX Human; lymphoma; immunoglobulin; B-cell mediated pathology; cytostatic;
XX immunosuppressive; dermatological; antiinflammatory; neuroprotective;
XX antidiabetic; antithyroid; autoimmune disease; B-cell lymphoma; PCR;
XX primer; ss.
XX
XX Homo sapiens.
XX
XX WO200213862-A2.
XX
XX 21-FEB-2002.
XX
XX 10-AUG-2001; 2001WO-US025204.
XX
XX 11-AUG-2000; 2000US-0224722P.
XX
XX 11-AUG-2000; 2000US-0224723P.
XX
XX 23-MAR-2001; 2001US-0279079P.
XX
XX (FAVR-) FAVRILE INC.
XX
XX Gold DP, Shopes RJ;
XX
XX WPI; 2002-280742/32.
XX
XX Composition for altering B-cell mediated pathology, has a chimeric
PT protein having portion of variable region of heavy chain or light chain
PT linked to portion constant region associated with patient B cell clone.
XX
XX Example 1; Page 44; 100pp; English.
XX
XX The sequence represents a PCR primer used in the invention to amplify
CC lymphoma-specific immunoglobulin heavy and light chains. The invention
CC relates to a novel composition for altering a B-cell mediated pathology
CC in a patient. The composition contains a chimeric protein comprising at
CC least a portion of a variable region of heavy chain or light chain (VH or
CC VL) linked to at least a portion of an immunoglobulin constant region,
CC where VH or VL region is associated with a B cell clone from the patient
CC having the B cell mediated pathology. The composition of the invention
CC has cytostatic, immunosuppressive, dermatological, antiinflammatory,
CC neuroprotective, antidiabetic, and antithyroid activity. The composition
CC is a vaccine useful for altering a B cell mediated pathology. This
CC includes B cell lymphoma e.g. non-Hodgkins lymphoma, refractory low grade
CC or follicular B-cell lymphoma; autoimmune disease e.g. multiple
CC sclerosis, systemic lupus erythematosus, anti-Hu associated
CC paraneoplastic neurological syndrome, autoimmune hepatitis, Type I
CC diabetes, autoimmune thyroiditis and scleroderma. The pathology is
CC treated by administering the composition to the patient, preferably with
CC a cytokine e.g. granulocyte-macrophage-colony stimulating factor (GM-CSF)
CC or chemokine e.g. monocyte chemotactic protein 3 (MCP 3)
XX
XX Sequence 22 BP; 3 A; 6 C; 7 G; 6 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2824 CTTTCCAGCCCGAGAGCTG 2844
DB 22 CATTAGCAGCCCGAGAGCTG 2

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RESULT 3430
ABL55009/c
ID ABL55009 standard; DNA; 22 BP.
XX
XX ABL55009;
XX
XX 08-OCT-2002 (first entry)
DT

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RESULT 3431
ABQ93599
ID ABQ93599 standard; DNA; 22 BP.
XX
XX ABQ93599;
XX
XX 16-OCT-2002 (first entry)
XX
XX Human DISC1/DISC2 PCR primer disc13 f1.
XX

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KW Human; Disrupted in Schizophrenia 1; DISC1; neuroleptic; gene therapy;
 KW neuropsychiatric disorder; schizoaffective disorder; bipolar disorder;
 KW unipolar affective disorder; adolescent conduct disorder; schizophrenia;
 KW PCR; primer; ss.
 OS Homo sapiens.
 XX WO200258637-A2.
 XX
 XX 01-AUG-2002.
 XX
 XX 23-JAN-2002; 2002WO-US002186.
 XX
 XX 24-JAN-2001; 2001US-00770107.
 XX
 XX (MIL-) MILENITUM PHARM INC.
 XX
 XX Meyer JM, Barrington-Martin R, Parker A, Barnes GR,
 PI
 XX WPI; 2002-590791/63.
 DR
 XX
 XX New human Disrupted-In-Schizophrenia (DISC) 1 and DISC2 genes containing
 PT single nucleotide polymorphisms, useful for preventing or treating
 PT neuropsychiatric disorders e.g. schizophrenia.
 PT
 XX
 PS Claim 17; Fig 4; 169pp; English.
 CC The invention relates to a novel Disrupted-In-Schizophrenia (DISC) 1
 CC allelic variant polymolecule. The polypeptides of the invention have
 CC neuroleptic activity. The polymolecules may have a use in gene therapy.
 CC DISC1 or DISC2 nucleic acid molecules are useful for diagnosing or
 CC treating a subject having a disease or disorder associated with specific
 CC DISC1 or DISC2 alleles and/or aberrant DISC1 expression or activity e.g.
 CC neuropsychiatric disorder such as schizoaffective, bipolar, unipolar
 CC affective or adolescent conduct disorder or schizophrenia. Similarly, the
 CC compound that inhibits DISC1 protein activity may be used in the method
 CC for treating such neuropsychiatric disorders. The sequences shown in
 CC ABQ93575-ABQ93568 represent the PCR primers used in the invention to
 CC amplify the sequences of DISC2 and DISC2
 CC
 XX
 SQ Sequence 22 BP; 5 A; 4 C; 8 G; 5 T; 0 U; 0 Other;
 Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 1117 GTGAGTGCACAGTGCCAG 1137
 Db 1 GTGAGTGCCTCAGTAGCAGCAG 21
 RESULT 3432
 ABQ73102
 ID ABQ73102 standard; DNA; 22 BP.
 XX
 XX ABQ73102;
 XX
 XX 25-SEP-2002 (first entry)
 XX
 XX Zcytor19 related PCR primer ZC38481 SEQ ID NO:47.
 DE
 XX Human; zcytor19; cytokine receptor; immunosuppressive; cytostatic;
 KW antineoplastic; antiarthritic; neuroprotective; antiinflammatory;
 KW antidiabetic; nephrotropic; dermatological; anti-HIV; haemostatic;
 KW vaccine; immune system; T-cell specific leukaemia; lymphoma; lupus;
 KW autoimmune disease; rheumatoid arthritis; multiple sclerosis; HIV;
 KW diabetes mellitus; inflammatory bowel disease; Crohn's disease; asthma;
 KW immunologic renal disease; glomerulonephritis; vasculitis; polyarteritis;
 KW mesangiolipofillerative disease; chronic lymphocytic leukaemia; bronchitis;
 KW secondary glomerulonephritis; scleroderma; amyloidosis; multiple myeloma;
 KW hemolytic uraemic syndrome; renal neoplasm; urological neoplasm;
 KW emphysema; chronic airway disease; chromosome 1; chromosome 1p36.11;
 KW PCR primer; ss.

XX
 OS Homo sapiens.
 OS Synthetic.
 XX
 XX WO200244209-A2.
 XX
 XX 06-JUN-2002.
 XX
 XX 28-NOV-2001; 2001WO-US044808.
 XX
 XX 28-NOV-2000; 2000US-0253561P.
 XX
 XX 07-FEB-2001; 2001US-0267211P.
 XX
 XX (ZYMO) ZYMOGENETICS INC.
 XX
 XX Pressnell SR, Xu W, Novak JE, Whitmore TE, Grant EJ,
 PI
 XX WPI; 2002-527700/56.
 DR
 XX
 XX Novel Zcytor19 polypeptides and polymolecules useful for stimulating
 PT immune responses in animals for producing antibodies, and for treating
 PT autoimmune diseases, leukemia and asthma.
 PT
 XX
 PS Example 2; Page 199; 200pp; English.
 CC The present invention describes an isolated human zcytor19 protein (I),
 CC and truncated zcytor19 proteins. (I) has immunosuppressive, cytostatic,
 CC antineoplastic, antiarthritic, neuroprotective, antiinflammatory,
 CC antidiabetic, nephrotropic, dermatological, anti-HIV and haemostatic
 CC activities, and can be used in vaccines. (I) or an antibody binding (I)
 CC can be used for suppressing the immune system for reducing rejection of
 CC tissue or organ transplants and grafts and for treating T-cell specific
 CC leukaemias or lymphomas and autoimmune diseases including Rheumatoid
 CC arthritis, multiple sclerosis, diabetes mellitus, inflammatory bowel
 CC disease and Crohn's disease. The antibodies can also be used for treating
 CC immunologic renal diseases, glomerulonephritis, mesangiolipofillerative
 CC disease, chronic lymphocytic leukaemia, secondary glomerulonephritis or
 CC vasculitis associated with lupus, polyarteritis, scleroderma, HIV-related
 CC diseases, amyloidosis and haemolytic uraemic syndrome. (I) and the
 CC antibodies can also be used for renal or urological neoplasms and
 CC multiple myelomas, asthma, bronchitis, emphysema and other chronic airway
 CC diseases. Human zcytor19 is located to chromosome 1, more specifically to
 CC chromosome 1p36.11. The present sequence represents a PCR primer which is
 CC used in an example from the present invention
 CC
 XX
 SQ Sequence 22 BP; 4 A; 11 C; 2 G; 5 T; 0 U; 0 Other;
 Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 3677 CCTCCAGCCAGAAAGCCAGCT 3697
 Db 1 CCTCCTTCAGAGTGCACCT 21
 RESULT 3433
 ABK88736
 ID ABK88736 standard; DNA; 22 BP.
 XX
 XX ABK88736;
 XX
 XX 07-OCT-2002 (first entry)
 XX
 XX Human Pur alpha anti-sense strand, phosphorothioate oligonucleotide #10.
 DE
 XX Human; apoptotic cell death; proteinaceous transcription factor;
 KW regulation of gene transcription; apoptosis; p53; CD95; TRA;
 KW transcriptional regulator of apoptosis; Y-box family; YB-1; cancer;
 KW tumour cell; embryonic cell; nervous system; intracellular pathogen;
 KW DNA-damaging agent; retroviral infection; neurodegenerative disorder;
 KW immune system dysfunction; anti-tumour; cytostatic; Pur alpha;
 KW phosphorothioate; ss.

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XX OS Homo sapiens.
XX FH Key Location/Qualifiers
XX FT modified_base 1..22
XX FT /*tag= a
XX FT /mod_base= OTHER
XX FT /note= "Phosphorothioate internucleotide linkages"
XX PN WO200244363-A1.
XX PD 06-JUN-2002.
XX PF 28-NOV-2001; 2001WO-N2000287.
XX PR 28-NOV-2000; 2000US-00724809.
XX PA (GENE-) GENESIS RES & DEV CORP LTD.
XX PI Lasham A, Watson JD;
XX DR WPI; 2002-557540/59.
XX PT Modulating p53-mediated apoptotic cell death in a population of cells, by
XX PT modulating the amount of a transcriptional regulator of apoptosis
XX PT available to bind to a target polynucleotide in the cells.
XX PS Example 2; Page 58; 62pp; English.
XX CC The present invention relates to methods for modulating apoptotic cell
XX CC death using proteinaceous transcription factors that regulate the
XX CC transcription of genes encoding proteins involved in apoptosis (e.g. CD95
XX CC and p53). The methods involve modulating the amount of a transcriptional
XX CC regulator of apoptosis (TRA) available to bind to a target polynucleotide
XX CC in the cells, where TRA is a member of the Y-box nucleic acid binding
XX CC family of polypeptides (e.g. YB-1). The methods of the invention are
XX CC useful for modulating apoptotic cell death in a population of cells,
XX CC where the cells are selected from tumour cells, cells of the immune
XX CC system, embryonic cells, cells of the nervous system, or cells infected
XX CC with intracellular pathogens. The methods are also useful for increasing
XX CC the sensitivity of tumour cells to a DNA-damaging agent, and for
XX CC increasing sensitivity to apoptosis in a population of cells harbouring an
XX CC intracellular pathogen. The methods are useful for screening an
XX CC apoptosis modulatory agent that modulates the binding of TRA. The methods
XX CC for regulating apoptosis can be used therapeutically and prophylactically
XX CC for various disorders such as cancer, viral and retroviral infections,
XX CC neurodegenerative disorders, and immune system dysfunction. The present
XX CC sequence represents a phosphorothioate oligonucleotide to the anti-sense
XX CC strand of human Pur alpha
XX SQ Sequence 22 BP; 3 A; 7 C; 9 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2701 GGGGAGCGCAATGGCGCGAC 2721
DB 2 GGGGAGCGCAATGGCTGTGCC 22

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RESULT 3434
ABZ30701
ID ABZ30701 standard; DNA; 22 BP.
XX AC ABZ30701;
XX XX
XX DT 30-JAN-2003 (first entry)
XX DE Candida albicans GRACE strain PCR primer SEQ ID NO 4852.
XX KM Fungus; yeast; tetracyclin; promoter; GRACE strain; biosynthesis;
XX KM signal transduction; DNA replication; cell division; growth;

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XX KM proliferation; Candida albicans; fungicide; antifungal; PCR; primer; ss.
XX OS Candida albicans.
XX PN WO200253728-A2.
XX PD 11-JUL-2002.
XX PF 26-DEC-2001; 2001WO-US049486.
XX PR 29-DEC-2000; 2000US-0259128P.
XX PR 20-FEB-2001; 2001US-00792024.
XX PR 22-AUG-2001; 2001US-0314050P.
XX PA (ELIT-) ELITRA PHARM INC.
XX PI Roemer T, Jiang B, Boone C, Bussey H, Ohlsen KU;
XX DR WPI; 2002-566694/60.
XX PT Constructing strains for identifying gene products as effective targets
XX PT for therapeutic intervention, by inactivating in the strain one allele of
XX PT a gene and placing other allele of the gene under conditional expression.
XX PS Claim 36; SEQ ID NO 4852; 167pp + Sequence Listing; English.
XX CC The invention relates to constructing (M1) a strain of diploid fungal
XX CC cells in which both alleles of a gene are modified, comprising modifying
XX CC one allele by insertion or replacement by a cassette having an
XX CC expressible selectable marker and modifying other allele by
XX CC recombination, of a promoter replacement fragment with a heterologous
XX CC promoter, so that expression of the second allele is regulated by the
XX CC promoter. (M1) is useful for constructing a strain of diploid fungal
XX CC cells in which both alleles of a gene are modified. The diploid fungal
XX CC cells having both alleles modified are useful for identifying a gene that
XX CC is essential to the survival or growth of a fungus, a gene that
XX CC contributes to the virulence and/or pathogenicity of a fungus, a gene
XX CC agent, an antifungal agent that inhibits the growth of a diploid fungus
XX CC and for identifying a therapeutic agent for treatment of a mammalian
XX CC disease. (M1) is useful for identifying a compound which modulates the
XX CC activity of a gene product, preferably enzymatic activity, carbon
XX CC compound catabolism, biosynthetic, transporter, transcriptional,
XX CC translational, signal transduction, DNA replication and cell division
XX CC activity. The method is useful for identifying a compound having the
XX CC ability to inhibit growth or proliferation of C. albicans cells and for
XX CC treating infection by C. albicans. The present sequence is that of a PCR
XX CC primer used in the method of the invention. Note: The sequence data for
XX CC this patent is not represented in the printed specification but is based
XX CC on sequence information supplied to Derwent by the European Patent Office
XX SQ Sequence 22 BP; 8 A; 7 C; 3 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5949 CCCTCAAGCTTATCTAGAGA 5969
DB 2 CCCTCAAGCTCATGCAAGAA 22

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RESULT 3435
AAD42570
ID AAD42570 standard; DNA; 22 BP.
XX AC AAD42570;
XX XX
XX DT 15-NOV-2002 (first entry)
XX DE Murine TCR B gene amplifying 5' PCR primer, VB8.
XX KM Human leukocyte antigen; HLA; T cell receptor; cytotoxic T lymphocyte;

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KW TCR, CTL, adoptive immunotherapy; tumour; gene therapy; cytostatic; PCR;
 KM primer; murine; ss.
 XX Mus musculus.
 OS
 XX US2002064521-A1.
 PN
 XX 30-MAY-2002.
 PD
 XX 22-FEB-2001; 2001US-00789697.
 PF
 XX 22-FEB-2000; 2000US-0183752P.
 PR
 XX (CITY) CITY OF HOPE.
 PA
 XX Ellenhorn JDI, Diamond DJ;
 P1
 XX WPI; 2002-589174/63.
 DR
 XX Novel nucleic acid encoding A chain or B chain of hu p53-specific, human
 PT leukocyte antigen restricted mu T cell receptor, useful for producing
 PT CDB+ cytotoxic lymphocytes for adoptive tumor immunotherapy.
 PS
 XX Example 1; Page 12; 29pp; English.
 CC The present invention relates to novel nucleic acids encoding A chain or
 CC B chain of human p53-specific, human leukocyte antigen (HLA) restricted
 CC murine T cell receptor (TCR). Human CD8+ cytotoxic T lymphocytes (CTLs)
 CC transfected with sequences of the invention are useful in adoptive
 CC immunotherapy for treating an individual having a tumour that over-
 CC expresses p53. Sequences of the invention are useful in gene therapy. The
 CC present sequence is a PCR primer which is used for amplifying murine TCR
 CC B gene. This primer is used in the exemplification of the invention
 CC
 SQ Sequence 22 BP; 5 A; 7 C; 5 G; 5 T; 0 U; 0 Other;
 QY
 Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Db 4196 CCCAAGATGGGCTCAGGCTC 4216
 2 CTCATGATGGGCTCAGGCTC 22
 RESULT 3436
 ABS98056/c
 ID ABS98056 standard; DNA; 22 BP.
 XX
 AC ABS98056;
 XX
 DT 23-DEC-2002 (first entry)
 XX
 DE Human multidrug resistance gene PCR primer #20.
 XX
 KM Human; ss; primer; cytochrome P450 A1; CYP4501A1; UGT2B4; MDR1; PCR;
 KM cytochrome P450 A2; CYP4501A2; cytochrome P450 02B; CYP45002B1; LTP;
 KM adrenergic receptor beta1; ADRA1; aryl hydrocarbon; AHR; MRP3; NR112;
 KM aryl hydrocarbon receptor nuclear translocator; ARNT; cathepsin S; CTS;
 KM cytochrome 2; COX2; diazepam binding inhibitor; DBI; haematological;
 KM epoxide hydrolase 2; EPHX2; 5-lipoxygenase activating protein; FLAP;
 KM glutathione-S-transferase 12; GST12; histamine-N-methyl transferase;
 KM HNMT; kallikrein 2; KLK2; nicotinamide-N-methyl transferase; NMNT;
 KM NADPH quinone oxidoreductase 2; NQO2; sulfoltransferase thermolabile; STM;
 KM UDP-glucuronosyl transferase 2B4; UDP-glucuronosyl transferase 2B7;
 KM UGT2B7; UDP-glucuronosyl transferase; UGT2B15; urokinase receptor; uRP;
 KM multidrug resistance 1; lactotransferrin; orphan nuclear receptor;
 KM multidrug resistance associated protein 3; cancer prostate;
 KM acetylcholine muscarinic receptor; CHMR1; CHMR2; CHMR3; CHMR4; CHMR5;
 KM altered drug metabolism; cardiovascular function; colorectal tumour;
 KM central nervous system; pulmonary; immunological.
 XX
 OS Homo sapiens.

XX
 PN WO200257410-A2.
 XX
 PD 25-JUL-2002.
 XX
 XX 28-NOV-2001; 2001WO-US044838.
 PF
 XX 28-NOV-2000; 2000US-00724389.
 PR
 XX (DNAS-) DNA SCI LAB INC.
 PA
 XX Guida M, Hall J;
 P1
 XX WPI; 2002-698522/75.
 DR
 XX Isolated nucleic acid molecules having polymorphisms in known human genes
 PT e.g. cytochrome P450 and cathepsin S useful as genetic linkage markers
 PT for locating, identifying and characterizing the genes responsible for
 PT disorder-related traits.
 PS
 XX Example 22; Page 141; 714pp; English.
 CC This invention relates to the sequence of an isolated nucleic acid
 CC molecule comprising at least one base variation from that of a known
 CC human cytochrome P450 A1 (CYP4501A1), cytochrome P450 A2 (CYP4501A2),
 CC cytochrome P450 02B1 (CYP45002B1), adrenergic receptor beta1 (ADRA1),
 CC aryl hydrocarbon (AHR), aryl hydrocarbon receptor nuclear translocator
 CC (ARNT), cathepsin S (CTS), cytochrome 2 (COX2), diazepam binding
 CC inhibitor (DBI), epoxide hydrolase 2 (EPHX2), 5-lipoxygenase activating
 CC protein (FLAP), glutathione-S-transferase 12 (GST12), histamine-N-methyl
 CC transferase (HNMT), kallikrein 2 (KLK2), nicotinamide-N-methyl
 CC transferase (NMNT), NADPH quinone oxidoreductase 2 (NQO2),
 CC sulfoltransferase thermolabile (STM), UDP-glucuronosyl transferase 2B4
 CC (UGT2B4), UDP-glucuronosyl transferase 2B7 (UGT2B7), UDP-glucuronosyl
 CC transferase (UGT2B15), urokinase receptor (uRP), multidrug resistance 1
 CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
 CC (MRP3), orphan nuclear receptor (NR112), or acetylcholine muscarinic
 CC receptor 1, 2, 3, 4, or 5 (CHMR1, CHMR2, CHMR3, CHMR4 or CHMR5) sequence.
 CC The polymorphisms in the human genes cited in the invention are useful as
 CC genetic linkage markers for locating and characterizing the genes that
 CC are responsible for specific traits within the genome and eventually
 CC identifying the genes responsible for a variety of disorder-related
 CC traits as a result of their e.g., overexpression, constitutive
 CC expression, mutation or underexpression, which may be used in diagnosing
 CC and/or treating the disorders. The nucleic acid molecules comprising the
 CC polymorphic sequences contained in CYP4501A1, CYP4501A2, CYP4502B1,
 CC ARNT, EPHX2, GST12, NMNT, NQO2, NR112, STM, UGT2B4, UGT2B7, UGT2B15, AHR,
 CC MDR1 and/or MDR3 are useful for screening individuals for altered drug
 CC metabolism. The polymorphic sequences contained in CYP4501A1, CYP4501A2,
 CC AHR, MDR1 and/or MDR3 may also be used to screen individuals for
 CC susceptibility to cancer. Polymorphic sequences in ADRA1 or CHMR2 are
 CC used to screen for altered cardiovascular function, in COX2 for altered
 CC susceptibility to colorectal tumours, in DBI or CHMR1 for altered central
 CC nervous system function, in FLAP and HNMT for altered pulmonary,
 CC immunological or haematological function, in KLK2 for altered serine
 CC protease activity in the prostate, in LTP for altered immunological or
 CC haematological function, in CHMR3, CHMR4 or CHMR5 for altered central and
 CC peripheral nervous system function. The present sequence represents a PCR
 XX primer used to amplify the sequences of the invention
 XX
 SQ Sequence 22 BP; 12 A; 1 C; 4 G; 5 T; 0 U; 0 Other;
 QY
 Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Db 6446 CAGCAGCTTTTGGATCTT 6466
 21 CAGCATTCTTTTCATCTT 1
 RESULT 3437
 ABX97545

ID ABX97545 standard; DNA; 22 BP.
XX
AC ABX97545;
XX
DT 20-MAY-2003 (first entry)
XX
DE Human NOV-associated reverse primer from primer-probe set Ag3499.
XX
KW NOVX; cytosratic; cariant; antiarteriosclerotic; antiasthmatic; cancer;
KW hypotensive; cardiomyopathy; bronchial asthma; gene therapy; vaccine;
KW human; PCR; primer; ss.
XX
OS Homo sapiens.
XX
PN MO200272757-A2.
XX
PD 19-SEP-2002.
XX
PF 08-MAR-2002; 2002MO-US006908.
XX
PR 08-MAR-2001; 2001US-0274101P.
PR 08-MAR-2001; 2001US-0274194P.
PR 08-MAR-2001; 2001US-0274281P.
PR 08-MAR-2001; 2001US-0274322P.
PR 09-MAR-2001; 2001US-0274849P.
PR 12-MAR-2001; 2001US-0275235P.
PR 13-MAR-2001; 2001US-0275578P.
PR 13-MAR-2001; 2001US-0275579P.
PR 13-MAR-2001; 2001US-0275601P.
PR 14-MAR-2001; 2001US-0276000P.
PR 16-MAR-2001; 2001US-027676P.
PR 19-MAR-2001; 2001US-0276994P.
PR 20-MAR-2001; 2001US-0277239P.
PR 20-MAR-2001; 2001US-0277321P.
PR 20-MAR-2001; 2001US-0277327P.
PR 21-MAR-2001; 2001US-0277791P.
PR 22-MAR-2001; 2001US-0277833P.
PR 23-MAR-2001; 2001US-0278152P.
PR 25-MAR-2001; 2001US-0278884P.
PR 27-MAR-2001; 2001US-0278999P.
PR 27-MAR-2001; 2001US-0279036P.
PR 28-MAR-2001; 2001US-0279344P.
PR 30-MAR-2001; 2001US-0277338P.
PR 30-MAR-2001; 2001US-0279995P.
PR 30-MAR-2001; 2001US-0280233P.
PR 02-APR-2001; 2001US-0280802P.
PR 02-APR-2001; 2001US-0280822P.
PR 04-APR-2001; 2001US-0280900P.
PR 13-APR-2001; 2001US-0281194P.
PR 30-APR-2001; 2001US-0283675P.
PR 02-MAY-2001; 2001US-0288066P.
PR 03-MAY-2001; 2001US-0288342P.
PR 03-MAY-2001; 2001US-0288528P.
PR 15-MAY-2001; 2001US-0291190P.
PR 16-MAY-2001; 2001US-0291099P.
PR 16-MAY-2001; 2001US-0291240P.
PR 30-MAY-2001; 2001US-0294485P.
PR 31-MAY-2001; 2001US-0294889P.
PR 18-JUN-2001; 2001US-0294899P.
PR 18-JUN-2001; 2001US-0299027P.
PR 19-JUN-2001; 2001US-0299303P.
PR 19-JUN-2001; 2001US-0299310P.
PR 10-JUL-2001; 2001US-0304354P.
PR 31-JUL-2001; 2001US-0309198P.
PR 16-AUG-2001; 2001US-0312903P.
PR 10-SEP-2001; 2001US-0318462P.
PR 12-SEP-2001; 2001US-0318770P.
PR 27-SEP-2001; 2001US-0325430P.
PR 27-SEP-2001; 2001US-0325681P.
PR 16-OCT-2001; 2001US-0330360P.
PR 31-OCT-2001; 2001US-0335301P.
PR 14-NOV-2001; 2001US-0332172P.
XX

PR 14-NOV-2001; 2001US-0332271P.
PR 14-NOV-2001; 2001US-0332272P.
PR 14-NOV-2001; 2001US-0333184P.
PR 14-NOV-2001; 2001US-0333272P.
PR 21-NOV-2001; 2001US-0332094P.
PR 03-DEC-2001; 2001US-0337426P.
PR 03-DEC-2001; 2001US-0338092P.
PR 04-DEC-2001; 2001US-0337185P.
PR 03-JAN-2002; 2002US-0345705P.
PR 07-MAR-2002; 2002US-00092900.
XX
XX (CURA-) CURAGEN CORP.
XX
XX
XX Padigaru M, Spytek KA, Shenoy SG, Taupier RJ, Pena CEH, Li L,
PI Zernusen BD, Gusev V, Ji W, Gorman L, Miller CE, Kekuda R,
PI Paturajan M, Gangoli E, Vermet CM, Guo X, Tchernev V,
PI Fernandes ER, Caeman SJ, Malyanar UM, Gerlach V, Liu Y, Anderson D,
PI Spaderma SK, Catterton E, Burgess C, Lette M, Zhong H, Alsbrook JP,
PI Lepley DM, Rieger DK,
XX
XX MPI; 2002-723332/78.
XX
XX
XX NOXV polypeptides and polynucleotides, useful for preventing or treating
PT a disorder associated with aberrant NOXV expression or activity e.g.,
PT cancer, hypertension, atherosclerosis, cardiomyopathy or bronchial
PT asthma.
XX
XX Example C; Page 1014, 1103pp; English.
XX
XX This invention describes novel human NOXV polypeptides which have
CC cytostatic, cardiant, antiarteriosclerotic, antiasthmatic and hypotensive
CC activity. Pharmaceutical compositions comprising the NOXV proteins or
CC nucleic acid molecules or NOXV antibodies are useful for preventing or
CC treating a disorder associated with aberrant NOXV expression or activity
CC e.g. cancer, hypertension, atherosclerosis, cardiomyopathy or bronchial
CC asthma. The products of the invention can be used for gene therapy or in
CC a vaccine. ABX13460-ABX13462 and ABX97186-ABX97593 represent PCR primers
CC and probes used in the amplification and isolation of the NOXV
CC polynucleotides represented in ABX97008-ABX97185 which encode the
CC polypeptides represented in ABU65041-ABU65218
XX
XX Sequence 22 BP; 10 A; 2 C; 8 G; 2 T; 0 U; 0 Other;
SQ
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 6344 AACATTAAGCCGAGAGGTA 6364
Db |||||||
2 AAGTTAAGCCGAGAGGTA 22
RESULT 3438
ABK67743/C
ID ABK67743 standard; DNA; 22 BP.
XX
AC ABK67743;
XX
DT 02-JUL-2002 (first entry)
XX
DE Mouse transglutaminase associated PCR primer #3.
XX
XX Transglutaminase; TGM; transamidation; autoimmune disease;
KW Addison's disease; AI haemolytic anaemia; AI thrombocytopenic purpura;
KW AI thyroid disease; atrophic gastritis; pernicious anaemia;
KW Chron's disease; colitis ulcerosa; Goodpasture syndrome; IGA nephropathy;
KW IgG glomerulonephritis; myasthenia gravis; partial lipodystrophy;
KW polyostitis; primary biliary cirrhosis; primary sclerosing cholangitis;
KW progressive systemic sclerosis; recurrent pericarditis;
KW Sjogren's syndrome; relapsing polychondritis; arthritis; rheumatism;
KW sarcoidosis; SLE; splenic atrophy; diabetes; Wegener granulomatosis;
KW ulcerative colitis; vasculitis; vitiligo; PCR; primer; ss.
XX

```
OS Mus sp.
XX WO200222830-A2.
XX 21-MAR-2002.
XX
XX 14-SEP-2001; 2001WO-GB004120.
XX
XX 15-SEP-2000; 2000GB-00022768.
XX 16-MAY-2001; 2001GB-00011995.
XX
XX (UYCA-) UNIV COLLEGE CARDIFF.
XX
XX Aeschlimann DP, Grenard PM;
XX
XX WPI; 2002-329954/36.
XX
XX Nucleic acids which encode novel transglutaminase enzymes TG-Z and TG-Y
XX PT which can be used in diagnostic methods of autoimmune diseases.
XX
XX Disclosure; Page 27; 67pp; English.
XX
XX The invention relates to nucleic acids which encode novel polypeptides
XX CC having transglutaminase activity. The compositions of polypeptide are
XX CC useful for transamidation reactions on peptides and polypeptides.
XX CC Detection of the polypeptides with transglutaminase activity are useful
XX CC in a diagnostic method in a subject or in cells derived from a subject
XX CC having an autoimmune disease. The method for detecting transglutaminase
XX CC proteins may be used to diagnose autoimmune diseases which include
XX CC Addison's disease, AI haemolytic anaemia, AI thrombocytopenic purpura, AI
XX CC thyroid diseases, atrophic gastritis, pernicious anaemia, Chron's
XX CC disease, colitis ulcerosa, Goodpasture syndrome, Iga nephropathy or Iga
XX CC glomerulonephritis, myasthenia gravis, partial lipodystrophy,
XX CC polymyositis, primary biliary cirrhosis, primary sclerosing cholangitis,
XX CC progressive systemic sclerosis, recurrent pericarditis, relapsing
XX CC polycondritis, rheumatoid arthritis, rheumatism, sarcoidosis, Sjogren's
XX CC syndrome, SLE, splenic atrophy, type I (insulin-dependent) diabetes
XX CC mellitus, Wegener granulomatosis, ulcerative colitis, vasculitis (both
XX CC systemic and cutaneous) and vitiligo. This sequence represents a primer
XX CC used in the study of transglutaminase genes in which DNA, amino acid
XX CC sequences and chromosomal locations of novel transglutaminases are
XX CC determined
XX
XX Sequence 22 BP; 7 A; 1 C; 11 G; 3 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3853 CCTTTTCTCCTTATTCTCTCT 3873
DB 22 CCAATTCCTCTACTCTCTCT 2
RESULT 3439
ID ABN84197 standard; DNA; 22 BP.
XX ABN84197;
XX
XX 23-SEP-2002 (first entry)
XX
XX Bcr/abl forward PCR primer.
XX
XX Reverse transcription; PCR; bcr/abl; human; primer; ss.
XX
XX Homo sapiens.
XX
XX WO200244421-A2.
XX
XX 06-JUN-2002.
XX
XX 28-NOV-2001; 2001WO-US044753.
XX
```

```
XX 28-NOV-2000; 2000US-0253451P.
XX 28-NOV-2001; 2001US-00253451.
XX
XX (PROM-) PROMEGA CORP.
XX
XX Miller KM;
XX
XX WPI; 2002-537462/57.
XX
XX Generating nucleic acid from RNA template, by adding RNA polymer to
XX PT inhibit RNase enzymes, to remove RNA-binding enzymes and proteins from
XX PT solution and thus enhancing certain enzymatic reactions.
XX
XX Example 7; Page 45; 61pp; English.
XX
XX The present invention provides a method of generating a nucleic acid from
XX CC an RNA template. This involves providing an RNA polymer selected from RNA
XX CC heteropolymers or double-stranded RNA polymers, and adding the RNA
XX CC polymer to a reaction mixture containing a reverse transcriptase and an
XX CC RNA template under conditions such that polymerisation occurs to generate
XX CC a nucleic acid molecule complementary to a portion of the RNA template.
XX CC The present sequence is a bcr/abl forward primer, which was used with the
XX CC reverse primer given in ABN84198 in a 1-step RT-PCR in an example from
XX CC the invention in which the utility of polyG or polyU attached to resins
XX CC in enhancing single-cell RT-PCR reactions performed on whole eukaryotic
XX CC cell lysates was evaluated. RT-PCR was conducted without prior RNA
XX CC isolation, using human erythroleukemia K562 cells. Results were compared
XX CC with those obtained using RNASIN ribonuclease inhibitor. Use of polyG
XX CC resin allowed detection of the bcr/abl signal down to 1-10 cells, but the
XX CC signal was weaker than with RNASIN. Use of polyU allowed detection to a
XX CC level comparable to RNASIN (1 cell), and provided an increased
XX CC sensitivity when not removed prior to PCR reaction. RNA polymers can
XX CC replace RNASIN in single-tube, whole cell RT-PCR
XX
XX Sequence 22 BP; 6 A; 6 C; 7 G; 3 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2539 GAGCTCGAGTCTCGAGCTAC 2559
DB 2 GAGCTCGAGTCTGACCAAC 22
RESULT 3440
ID ABO94306 standard; DNA; 22 BP.
XX ABO94306;
XX
XX 01-NOV-2002 (first entry)
XX
XX Human BNO1 isoform 2 forward PCR primer, SEQ ID NO:40.
XX
XX Human; BNO1; F-box; FBXO; chromosome 16q24.3; SCR ubiquitin-E3 ligase;
XX KW protein ubiquitination; proteasome targeting; breast; prostate; liver;
XX KW ovarian; immune disease; inflammatory disease; AIDS;
XX KW acquired immunodeficiency syndrome; asthma; Crohn's disease;
XX KW multiple sclerosis; neurological disorder; Parkinson's disease;
XX KW Alzheimer's disease; cytostatic; immunomodulator; neuroprotective;
XX KW gene therapy; diagnosis; prognosis; expression analysis; isoform 2;
XX KW splice variant; real-time quantitative PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX Key Location/Qualifiers
XX FH modified_base 1
XX FT /*tag= a
XX FT /mod_base= OTHER
XX FT /note= "labelled with HEX"
XX
```

PN WO200261081-A1.
 XX 08-AUG-2002.
 PD
 PF 31-JAN-2002; 2002WO-AU000096.
 XX
 PR 31-JAN-2001; 2001AN-00002783.
 XX
 PA (BION-) BIONOMICS LTD.
 PI Callen DF, Powell JA, Kremmidiotis G, Gardner AE, Crawford J;
 PI Bais AJ, Kochetkova M;
 XX
 DR WPI; 2002-619250/66.
 PT New gene (BN01) mapping to chromosome 16q24.3, useful in gene therapy,
 PT e.g. for diagnosing or treating cancers (e.g. lymphoma);
 PT immune/inflammatory diseases (e.g. AIDS) or neurological disorders (e.g.
 PT Parkinson's disease).
 XX
 PS Example 7; Page 61; 85pp; English.
 XX
 CC The invention relates to the human and murine BN01 proteins and nucleic
 CC acids encoding them. The BN01 protein is a member of the F-box class of F-
 CC box proteins, containing an F-box motif but no other known protein-
 CC interaction domains. Proteins which contain F-boxes are the substrate
 CC recognition components of SCF ubiquitin-E3 ligases, which are responsible
 CC for ubiquitinating proteins, thereby targeting them for degradation in
 CC the proteasome. In addition, BN01 is able to interact with Skp1, an
 CC essential component of SCF ubiquitin-E3 ligases, suggesting that it plays
 CC a role in the ubiquitin-proteasome degradation system that is involved in
 CC the regulation of many proteins, particularly those involved in important
 CC cellular processes such as cell cycle regulation. The human BN01 gene
 CC maps to chromosome 16q24.3, and is expressed as two different isoforms.
 CC Isoform 1 consists of 539 amino acids and is encoded by an open reading
 CC frame (ORF) of 1617 bp, while the longer isoform 2 consists of 568 amino
 CC acids encoded by an ORF of 1704 bp. The mRNAs encoding the 2 human BN01
 CC isoforms are the product of differential splicing: both comprise exons 1-
 CC 9, but the isoform 2 mRNA additionally comprises exon 2.5. Loss of
 CC heterozygosity (LOH) of the long arm of chromosome 16, in which the human
 CC BN01 gene is situated, is implicated in breast and prostate cancer, and
 CC BN01 expression is also downregulated in these cancers. BN01 nucleic
 CC acids, proteins and compounds which modulate BN01 activity or expression
 CC may be used for treating disorders associated with altered BN01 activity
 CC or expression. Such disorders include cancers (e.g., breast, prostate,
 CC liver and ovarian cancers), immune/inflammatory diseases (e.g., AIDS
 CC (acquired immunodeficiency syndrome), asthma, Crohn's disease or multiple
 CC sclerosis) or neurological disorders (e.g., Parkinson's disease or
 CC Alzheimer's disease). BN01 nucleic acids, proteins and antibodies may
 CC also be used to diagnose or prognose disorders associated with BN01
 CC dysfunction, or a predisposition to these disorders. Additionally, BN01
 CC nucleic acids and proteins, and transgenic animals comprising human BN01
 CC nucleic acid sequences or in which BN01 gene function has been knocked
 CC out are useful in screening potential drugs for treating BN01-associated
 CC disorders, and the human BN01 protein isoforms are particularly useful
 CC for identifying BN01-specific protein substrates that are targeted for
 CC degradation by ubiquitination. Sequences AB093406-AB093407 represent PCR
 CC primers specific for isoform 2 of human BN01 used in real-time PCR
 CC analysis of BN01 expression in breast cancer cell lines in an
 CC exemplification of the invention
 XX
 SO Sequence 22 BP; 4 A; 2 C; 9 G; 7 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5995 GTGAAGTCAGAGGCTTCG 6015
 |||||
 DB 1 GTGAAGTCAGAGGCTTCG 21

RESULT 3441

ABT08409/C
 ID ABT08409 standard; DNA; 22 BP.
 XX
 AC ABT08409;
 XX
 DT 27-NOV-2002 (first entry)
 XX
 DE Human MnSOD promoter PCR primer SEQ ID NO: 44.
 XX
 KW Human; cyclin-dependent kinase; CDK; cyclin-dependent kinase inhibitor;
 KW inhibitor; cancer; age-related disease; promoter; atherosclerosis;
 KW cytosolic; antiarteriosclerotic; neurotropic; neuroprotective;
 KW nephrotropic; antiarthritis; arthritis; renal disease;
 KW Alzheimer's disease; amyloidosis; PCR; primer; ss.
 XX
 OS Homo sapiens.
 OS
 PN WO200266681-A2.
 XX
 PD 29-AUG-2002.
 XX
 PF 01-FEB-2002; 2002WO-US002784.
 XX
 PR 01-FEB-2001; 2001US-0265840P.
 PR 21-MAY-2001; 2001US-00861925.
 XX
 PA (UNIT) UNIT ILLINOIS FOUND.
 PI
 PI Poole J, Robinson IB, Chang B;
 DR WPI; 2002-674960/72.
 XX
 PT New recombinant expression construct, useful for identifying compounds
 PT that inhibit the induction of genes induced by cyclin-dependent kinase
 PT inhibitors for preventing or treating cancer, renal failure or
 PT Alzheimer's disease.
 XX
 PS Example 8; Page 128; 137pp; English.
 XX
 CC The present invention relates to a recombinant expression construct
 CC encoding a reporter gene operably linked to a promoter from a mammalian
 CC gene induced by a cyclin-dependent kinase (CDK) inhibitor. The construct
 CC is useful for identifying compounds that inhibit the induction of genes
 CC induced by CDK inhibitors. The compounds are useful for preventing or
 CC treating a disease caused by CDK inhibitor induced gene expression, e.g.
 CC cancer other than colon cancer, renal failure, Alzheimer's disease,
 CC amyloidosis, age-related diseases, atherosclerosis or arthritis. The
 CC present sequence is a PCR primer used to amplify a human promoter
 CC suitable for use in the construct of the invention
 XX
 SO Sequence 22 BP; 3 A; 5 C; 7 G; 7 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGCA 7435
 |||||
 DB 22 GTAGCAGCAGCAGCAGCAGCA 2

RESULT 3442

ACCA8924
 ID ACCA8924 standard; DNA; 22 BP.
 XX
 AC ACCA8924;
 XX
 DT 11-AUG-2003 (first entry)
 XX
 DE Rat phosphodiesterase 10A primer 1358.
 XX
 KW Rat; phosphodiesterase 10A; PDE10A; enzyme; tranquilizer; neuroleptic;
 KW neurotropic; antiaddictive; primer; ss.


```
XX Ratcus sp.
OS
XX EPI281771-A2.
XX
XX 05-FEB-2003.
XX
XX 16-JUL-2002; 2002EP-00254973.
XX
XX 31-JUL-2001; 2001US-0308978P.
XX
XX (PFI2 ) PFIZER PROD INC.
XX
XX James LC, Lebel LA, Menniti FS, Strick CA;
XX
XX WPI; 2003-335006/32.
XX
XX Screening for agents that inhibit intracellular phosphodiesterase 10A
XX activity for use in treating disorders of movement of mood and anxiety,
XX by using striatal medium spiny neurons to identify inhibitors at cellular
XX level.
XX
XX Example 4; Page 17; 27pp; English.
XX
XX The present sequence is that of primer 1358, which was used in the
XX cloning of rat phosphodiesterase 10A (PDE10A) cDNA (see ACC48919). In
XX addition to rat PDE10A polynucleotide and polypeptide sequences, the
XX invention provides a cell-based assay using striatal medium spiny neurons
XX to identify agents that inhibit PDE10A activity at the cellular level.
XX The inhibitors are useful e.g. for treating disorders of movement or
XX mood, anxiety, psychosis, drug addiction, and disorders of symptom
XX deficient cognition
XX
XX Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX 4915 GAAAGCATCAGACTGTTGAG 4935
XX | | | | | | | | | | | | | | | | | |
XX 1 GTAGGCATCAGAGATGTTGAG 21
XX
XX RESULT 3443
XX ACC48924/C
XX ID ACC48924 standard; DNA; 22 BP.
XX
XX ACC48924;
XX
XX 11-AUG-2003 (first entry)
XX
XX Rat phosphodiesterase 10A primer 1358.
XX
XX Rat; phosphodiesterase 10A; PDE10A; enzyme; tranquilizer; neuroleptic;
XX nootropic; antiaddictive; primer; ss.
XX
XX Ractus sp.
XX
XX EPI281771-A2.
XX
XX 05-FEB-2003.
XX
XX 16-JUL-2002; 2002EP-00254973.
XX
XX 31-JUL-2001; 2001US-0308978P.
XX
XX (PFI2 ) PFIZER PROD INC.
XX
XX James LC, Lebel LA, Menniti FS, Strick CA;
XX
XX WPI; 2003-335006/32.
XX
```

```
PT Screening for agents that inhibit intracellular phosphodiesterase 10A
PT activity for use in treating disorders of movement of mood and anxiety,
PT by using striatal medium spiny neurons to identify inhibitors at cellular
PT level.
XX
XX Example 4; Page 17; 27pp; English.
XX
XX The present sequence is that of primer 1358, which was used in the
XX cloning of rat phosphodiesterase 10A (PDE10A) cDNA (see ACC48919). In
XX addition to rat PDE10A polynucleotide and polypeptide sequences, the
XX invention provides a cell-based assay using striatal medium spiny neurons
XX to identify agents that inhibit PDE10A activity at the cellular level.
XX The inhibitors are useful e.g. for treating disorders of movement or
XX mood, anxiety, psychosis, drug addiction, and disorders of symptom
XX deficient cognition
XX
XX Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX 2260 CTGGCCATTCGTGATGCCTGC 2280
XX | | | | | | | | | | | | | | | | | |
XX 21 CTGAACATTCCTGATGCCTAC 1
XX
XX RESULT 3444
XX ABZ79359/C
XX ID ABZ79359 standard; DNA; 22 BP.
XX
XX ABZ79359;
XX
XX 01-MAY-2003 (first entry)
XX
XX Acetyl-Coenzyme A-carboxylase-alpha gene PCR primer, SEQ ID 46.
XX
XX Human; enzyme; acetyl-Coenzyme A-carboxylase-alpha; ACC-alpha; cancer;
XX breast; ovary; PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX WO2002100896-A2.
XX
XX 19-DEC-2002.
XX
XX 12-JUN-2002; 2002WO-FR002015.
XX
XX 13-JUN-2001; 2001FR-00007740.
XX
XX 05-MAR-2002; 2002FR-00002788.
XX
XX (CNRS ) CNRS CENT NAT RECH SCI.
XX (UCLY-) UNIV LYON 1 BERNARD CLAUDE.
XX
XX Dalla Venezia NL, Magnard CM, Lenoir GM, Sinilnikova-Erard O;
XX
XX WPI; 2003-175165/17.
XX
XX In vitro diagnosis of cancer, particularly breast and ovarian cancer, or
XX susceptibility, comprises detecting alterations in the acetyl coenzyme A-
XX carboxylase alpha gene or protein expression.
XX
XX Example 1; Page 10; 56pp; French.
XX
XX The present invention relates to human acetyl-Coenzyme A-carboxylase-
XX alpha (ACC-alpha; see ABZ79442), which can be used for in vitro diagnosis
XX of cancer (or of an increased risk of developing it), by detecting ACC-
XX alpha gene mutations or polymorphisms, or altered ACC-alpha protein
XX expression, relative to a control population. The method is particularly
XX used to diagnose cancer, especially of breast or ovary, or for assessing
XX the risk of developing such cancers. The present sequence is a PCR
XX primer, which was used in an example from the invention
XX
```

```

SQ      Sequence 22 BP; 5 A; 2 C; 8 G; 7 T; 0 U; 0 Other;
Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy      5053 ATTGCTTACAGACAGTGCCTAA 5073
Db      22 ATTGCTTACAAACTGCTCTCA 2

RESULT 3445
ABX72360/c
ID      ABX72360 standard; DNA; 22 BP.
AC      ABX72360;
XX
DT      03-JUN-2003 (first entry)
XX
DE      Human NOVX DNA PCR primer #57.
XX
XX      Human; NOVX; PCR; ss; metabolic disorder; cardiomyopathy; diabetes; ASD;
KM      hypertension; congenital heart defect; aortic stenosis; valve disease;
KM      atrial septal defect; atrioventricular canal defect; ductus arteriosus;
KM      pulmonary stenosis; subaortic stenosis; ventricular septal defect; VSD;
KM      tubercous sclerosis; scleroderma; atherosclerosis; infectious disease;
KM      obesity; anorexia; neurodegenerative disorder; Alzheimer's disease;
KM      Parkinson's disease; immune disorder; haematopoietic disorder; primer;
XX      haemophilia; hypercoagulation; Crohn's disease; cancer.
XX
OS      Homo sapiens.
XX
PN      WO200281498-A2.
XX
PD      17-OCT-2002.
XX
PF      03-APR-2002; 2002WO-US010780.
XX
PR      03-APR-2001; 2001US-0281086P.
PR      03-APR-2001; 2001US-0281136P.
PR      05-APR-2001; 2001US-0281863P.
PR      06-APR-2001; 2001US-0281906P.
PR      10-APR-2001; 2001US-0282930P.
PR      10-APR-2001; 2001US-0282934P.
PR      12-APR-2001; 2001US-0283512P.
PR      13-APR-2001; 2001US-0283710P.
PR      17-APR-2001; 2001US-0284234P.
PR      19-APR-2001; 2001US-0285325P.
PR      20-APR-2001; 2001US-0285381P.
PR      20-APR-2001; 2001US-0285609P.
PR      23-APR-2001; 2001US-0285748P.
PR      23-APR-2001; 2001US-0285890P.
PR      24-APR-2001; 2001US-0286068P.
PR      25-APR-2001; 2001US-0286292P.
PR      27-APR-2001; 2001US-0287213P.
PR      02-MAY-2001; 2001US-0288257P.
PR      29-MAY-2001; 2001US-0294164P.
PR      30-MAY-2001; 2001US-0294484P.
PR      18-JUN-2001; 2001US-0298952P.
PR      19-JUN-2001; 2001US-0299237P.
PR      19-JUN-2001; 2001US-0299276P.
PR      12-SEP-2001; 2001US-0318750P.
PR      23-SEP-2001; 2001US-0324800P.
PR      25-SEP-2001; 2001US-0324802P.
PR      27-SEP-2001; 2001US-0325684P.
PR      17-OCT-2001; 2001US-0330143P.
PR      14-NOV-2001; 2001US-0332131P.
PR      14-NOV-2001; 2001US-0332240P.
PR      14-NOV-2001; 2001US-0332779P.
PR      21-NOV-2001; 2001US-0332115P.
PR      04-DEC-2001; 2001US-0337621P.
PR      03-JAN-2002; 2002US-0345783P.
XX
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PR      16-JAN-2002; 2002US-0350251P.
PR      02-APR-2002; 2002US-00114270.
XX
XX      (CURA-) CUBAGEN CORP.
XX
XX      Guo X, Kekuda R, Miller CE, Malyanakar UM, Spytek KA;
PI      Pattnarajan M, Liu X, Gusev VY, Li L, Vernet CAM, Zernhusen BD;
PI      Gorman L, Shenoy SG, Pena CRA, Smithson G, Burgess CE, Gerlach V;
PI      Padigaru M, Shimkets RA, Gangoli EA, Taupier RJ, Caeman SJ, Ji W;
PI      Anderson DW, Leite MW, Rastelli L, Edinger SR, Stone DJ;
PI      Macdougall JR, Rothenberg WE, Mazur A, Millet I, Feyman JA;
PI      Blierman K;
XX
XX      WPI; 2003-046858/04.
XX
XX      New isolated NOVX polypeptide useful for treating atherosclerosis,
PT      metabolic disorders, diabetes, obesity, infectious disease, anorexia,
PT      neurodegenerative disorders, Alzheimer's disease and cancer.
XX
XX      Example 83; Page 439; 666pp; English.
XX
XX      The invention relates to human polypeptides, termed NOVX, and the
CC      CC polynucleotides encoding them. The polypeptides and polynucleotides are
CC      useful for diagnosing disease, and screening for potential therapeutic
CC      agents. The sequences are useful for treating metabolic disorders,
CC      cardiomyopathy, diabetes, hypertension, congenital heart defects, aortic
CC      stenosis, atrial septal defect (ASD), atrioventricular canal defect,
CC      ductus arteriosus, pulmonary stenosis, subaortic stenosis, ventricular
CC      septal defect (VSD), valve diseases, tubercous sclerosis, scleroderma,
CC      atherosclerosis, obesity, infectious disease, anorexia, neurodegenerative
CC      disorders, Alzheimer's disease, Parkinson's disease, immune disorders,
CC      haematopoietic disorders, haemophilia, hypercoagulation, Crohn's disease
CC      and cancer. This sequence represents a PCR primer used to amplify a human
CC      NOVX polynucleotide of the invention
XX
SQ      Sequence 22 BP; 13 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy      5698 TTTCGCTTCTTTCCTCTT 5718
Db      22 TTTCGCTTCTTCTTCTTCTT 2

RESULT 3446
ABZ10317/c
ID      ABZ10317 standard; DNA; 22 BP.
XX
AC      ABZ10317;
XX
XX      16-JAN-2003 (first entry)
XX
XX      Haematopoietic cell proliferation disorder related primer SEQ ID NO:457.
DE
KM      Human; haematopoietic cell proliferation disorder; cytostatic;
KM      gene therapy; lymphocytic leukemia; acute myelogenous leukaemia;
KM      cytosine methylation state; probe; primer; ss.
XX
XX      Homo sapiens.
OS
OS      Synthetic.
OS
PN      WO200277272-A2.
XX
XX      03-OCT-2002.
XX
XX      26-MAR-2002; 2002WO-EP003401.
PF
XX      26-MAR-2001; 2001US-0278333P.
XX
XX      (EPIG-) EPIGENOMICS AG.
XX
XX
```

PI Berlin K, Braun A, Diack J, Guetig D, Howe A, Mueller U;
PI Olek A, Piepenbrock C, Adorjan P, Grabs G, Lesche R, Leu E;
PI Lewin A, Lipscher E, Maier S, Model F, Mueller V, Otto T, Pelet C,
XX Schwope I, Ziebarth H;
XX
XX MPI, 2003-018942/01.
PS
PR Detecting and differentiating between hematopoietic cell proliferative
PT disorders, comprises contacting a target nucleic acid with a reagent that
PR distinguishes between methylated and non-methylated CpG dinucleotides.
XX
XX Claim 11, Page 35, 117pp; English.

CC The present invention describes a method for detecting and
CC differentiating between haematopoietic cell proliferative disorders
CC associated with at least 1 gene and/or their regulatory regions in a
CC subject. The method comprises contacting a target nucleic acid in a
CC biological sample obtained from the subject with at least 1 reagent,
CC which distinguishes between methylated and non-methylated CpG
CC dinucleotides within the target nucleic acid. AB209861 to AB211118
CC represent specifically claimed nucleotide sequences from the present
CC invention. Oligonucleotides from the present invention can be used: for
CC differentiating between healthy haematopoietic cells and proliferative
CC disorder haematopoietic cells; for differentiating between acute
CC lymphocytic leukaemia and acute myelogenous leukaemia; as probes for
CC determining the cytosine methylation state and/or single nucleotide
CC polymorphisms (SNPs) of haematopoietic cell proliferation disorder
CC related sequences and their complements; and as primers for the
CC amplification of haematopoietic cell proliferation disorder related
CC sequences. The nucleotide sequences from the present invention can also
CC be used for detecting a predisposition to, differentiation between
CC subclasses, diagnosis, prognosis, treatment and/or monitoring of
CC haematopoietic cell proliferative disorders. The present method enables a
CC highly specific classification of haematopoietic cell proliferative
CC disorders allowing for improved and informed treatment of patients

SO Sequence 22 BP, 11 A; 0 C; 8 G; 3 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0

OY 5741 CCCTTTCTTCATTAACACTT 5761
||| ||| ||| |||
Db 21 CCATTTCCTTACTCCTCT 1

RESULT 3447
ACC42611/c
ID ACC42611 standard; DNA; 22 BP.
XX
AC ACC42611;
XX
XT 26-AUG-2003 (first entry)
XX
DE Human stem cell factor, SCF, PCR primer hSCRF1.
XX
KW Human; PCR; primer; transgenic mouse; lymphocyte maturation; IL-3; IL-7;
KW cytokine; interleukin-3; interleukin-6; IL-6; interleukin-7; M-CSF; SCF;
KW macrophage-colony stimulating factor; stem cell factor; oncostatin M; OM;
KW granulocyte-colony stimulating factor; GM-CSF; LIF;
KW leukaemia inhibitory factor; SB.
XX
OS Homo sapiens.
XX
PN WO2003018744-A2.
XX
PD 06-MAR-2003.
XX
PF 05-AUG-2002; 2002MO-US024807.
XX
PR 23-AUG-2001; 2001US-00938689.
XX

```

PA (GENEV ) GENENOR INT INC.
PI Harding FA, Huang M,
XX
DR WPI; 2003-276650/27.
XX
PT New recipient mammal, preferably a mouse, useful as a model of human
PT disease to assess efficacy of therapeutic or prophylactic treatments, or
PT for facilitating production of donor-specific functional immunity.
XX
PS Example; Page 35; 70pp; English.
XX
CC The present invention relates to a new transgenic mouse, which comprises
CC a disruption in both alleles of a gene such that lymphocyte maturation
CC does not occur and exogenous cytokines. The cytokines are selected from:
CC interleukin-3 (IL-3), interleukin-6 (IL-6), interleukin-7 (IL-7),
CC macrophage-colony stimulating factor (M-CSF), granulocyte-colony
CC stimulating factor (GM-CSF), stem cell factor (SCF), leukaemia inhibitory
CC factor (LIF) and oncostatin M (OM). The gene disruption is in a gene that
CC modulated VDJ recombination e.g. a RAG gene. The gene is disrupted by
CC insertion of a transgene comprising major histocompatibility complex
CC (MHC) class II DR3 and DQ2 genes. The transgenic mouse is useful as a
CC model of human disease to assess efficacy of therapeutic or prophylactic
CC treatments, or to assess the antigenic potential of compounds. The
CC transgenic mouse is also useful for supporting donor haematopoietic stem
CC cells or facilitating production of donor-specific functional immunity.
CC PCR primers ACC42571-ACC42639 were used to generate the transgenic mouse
XX
SQ Sequence 22 BP; 7 A; 6 C; 6 G; 3 T; 0 U; 0 Other;
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 4803 CTGCCCTTGTATGACCGGAT 4823
Db 22 CTGCCCTTGTATGACCTTGGCT 2
RESULT 3448
ACCT1907
ID ACCT1907 standard; DNA; 22 BP.
XX
AC ACCT1907;
XX
DT 04-AUG-2003 (first entry)
XX
DE B. anthracis pagA specific probe 1.
XX
KM Encapsulation protein B; capB; protective antigen; pagA; lethal factor;
KM lef; fluorescence resonance energy transfer; FRET; probe; ss.
XX
OS Bacillus anthracis.
XX
PN EP1304387-A1.
XX
PD 23-APR-2003.
XX
PF 10-OCT-2002; 2002EP-00022398.
XX
PR 15-OCT-2001; 2001US-0329826P.
XX
PR 05-FEB-2002; 2002US-00068238.
XX
PA (HOPF ) ROCHE DIAGNOSTICS GMBH.
PA (MAYO-) MAYO FOUND MEDICAL EDUCATION & RES.
XX
PI Bell CA, Uni JR, Cockerill FR;
XX
DR WPI; 2003-450920/43.
XX
PT Detecting Bacillus anthracis in a sample by amplifying B.anthraxis capB,
PT pagA and lef nucleic acids followed by hybridization with labelled capB,
PT pagA and lef probes, and detection by fluorescence resonance energy

```


Sequence 22 BP; 6 A; 4 C; 7 G; 5 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2746 CAGGTTACGAGATCTCTG 2766
DB 21 CATTGACCTGATCTCTG 1

RESULT 3450
ACA89735/C
ID ACA89735 standard; DNA; 22 BP.

XX ACA89735;
XX
XX 09-JUL-2003 (first entry)

DE Herbicide resistance polymorphic marker related primer #34.

XX Polymorphic marker; herbicide resistance; herbicide susceptible plant;
KW herbicide resistant plant; Conyza canadensis; Lolium rigidum; goosegrass;
KW glyphosate; paraquat; sulfonyl urea moiety; PCR; primer; ss.

XX OS Synthetic.

XX PN WO2003031937-A2.

XX PD 17-APR-2003.

XX PF 11-OCT-2002; 2002WO-US032637.

XX PR 12-OCT-2001; 2001US-0328750P.

XX PA (MORP-) MORPHOTEK INC.

XX PI Chao Q, Graess L, Nicolaides NC, Sasse PM;

XX DR WPI; 2003-430273/40.

XX PT Identifying polymorphic markers of herbicide resistance in a plant, by
PT analysing genomic DNA of herbicide resistant and susceptible plants, and
PT identifying difference that correlate with resistance or susceptibility.

XX PS Example 6; Page 38; 168pp; English.

XX CC The invention describes a method of identifying polymorphic markers of
CC herbicide resistance in a plant. The method involves: isolating genomic
CC DNA from an herbicide susceptible plant and an herbicide resistant plant
CC of the same species, performing genetic analysis and identifying
CC differences between their genomic DNA, identifying the difference that
CC correlate with herbicide resistance or susceptibility, thus identifying
CC polymorphic markers. The method is useful for identifying polymorphic
CC markers of herbicide resistance in a plant e.g. Conyza canadensis, Lolium
CC rigidum and goosegrass species, where the herbicides include glyphosate,
CC paraquat and sulfonyl urea moieties. This sequence represents a primer
CC associated with the identification of polymorphic markers of herbicide
CC resistance

SO Sequence 22 BP; 10 A; 0 C; 11 G; 0 T; 0 U; 1 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5328 CTCTCTTGCTCACTCTC 5348
DB 21 CTCTCTCTCTCTCTCTC 1

RESULT 3451
ACA62897

ID ACA62897 standard; DNA; 22 BP.

XX ACA62897;

XX 21-AUG-2003 (first entry)

DE Repeated nucleic acid detection method associated PCR primer #1.

XX Repeated nucleic acid detection; PCR; primer; ss.

XX OS Synthetic.

XX PN US2003022163-A1.

XX PD 30-JAN-2003.

XX PF 15-DEC-2000; 2000US-00739909.

XX PR 21-JUL-1999; 99US-00358972.

XX PR 25-AUG-1999; 99US-00383316.

XX PA (MAND/) MANDREKAR M N.

XX PA (TERE/) TERESA A.

XX PA (SHUL/) SHULTZ J W.

XX PI Mandrekar MN, Teresa A, Shultz JW;

XX DR WPI; 2003-479484/45.

XX PS Example 3; Page 16; 31pp; English.

XX CC The invention describes a method of determining presence or absence of a
CC desired nucleic acid (NA) that contains multiple repeats of a
CC predetermined NA target sequence in a NA sample. The method involves
CC providing a treated sample that may contain the desired NA in which
CC several predetermined repeating NA target sequences are hybridised with a
CC NA probe, analysing for presence of hybridised NA containing the NA
CC probe, and thereby the presence or absence of the desired NA. The method
CC is useful for determining the presence or absence of desired nucleic
CC acids that contain multiple repeats of a predetermined NA target
CC sequence, in a NA sample obtained from a biological sample, where the
CC repeated sequence includes several predetermined repeated sequence that
CC differ in length and/or sequence. The methods can be efficiently used for
CC distinguishing human and bacterial NA. The method is highly sensitive,
CC and enables detection and quantification of the presence of a NA without
CC the need to undergo a NA target sequence enrichment step prior to a NA
CC hybrid detection step. The method enables rapid and accurate detection of
CC a desired NA that contains multiple repeats of a NA target sequence. This
CC sequence represents a primer associated with the repeated nucleic acid
CC detection method of the invention

SO Sequence 22 BP; 6 A; 6 C; 7 G; 3 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2539 GAGCTCGAGTCTGACGTC 2559
DB 2 GAGCTCGAGTCTGACCAAC 22

RESULT 3452
ACC84173
ID ACC84173 standard; DNA; 22 BP.

XX ACC84173;
XX
XX 03-OCT-2003 (first entry)

```

XX Human butyrylcholinesterase sense PCR primer Acb710.
DE
XX
XX Human; butyrylcholinesterase; transgenic; poisoning; antidote; enzyme;
KW PCR; primer; ss.
XX
XX Homo sapiens.
OS
XX W02003054182-A2.
PN
XX
XX 03-JUL-2003.
PD
XX 19-DEC-2002; 2002W0-IB005526.
PF
XX 21-DEC-2001; 2001US-0344285P.
PR
XX (NEXT-) NEXIA BIOTECHNOLOGIES INC.
PA
XX Karatzas C, Huang Y, Lazaris A;
PI
XX WPI; 2003-559148/52.
DR
XX
XX New transgenic mammal (e.g. goat) expressing a butyrylcholinesterase
PT (BChE) enzyme in its milk or urine, useful for large-scale production of
PT recombinant BChE to prevent or treat organophosphate poisoning or cocaine
PT intoxication.
XX
XX Example 1; Page 41; 112pp; English.
PS
XX
XX The present sequence is that of sense primer Acb710, which was used in
CC the PCR amplification of human butyrylcholinesterase (BChE) cDNA (see
CC ACC84169) from pCMV/BChE. The PCR product was used in the construction of
CC pCMV/BChE/hSA, used to prepare a BChE-hSA fusion protein in mammalian
CC cells. The primer was also used to generate a probe for detection of a
CC BChE transgene. The invention provides methods for large-scale production
CC of recombinant BChE in cell culture, and in the milk and/or urine of
CC transgenic mammals. The recombinant BChE can be used in preventing and/or
CC treating organophosphate pesticide poisoning, nerve gas poisoning,
CC cocaine intoxication or succinylcholine-induced apnoea
XX
XX Sequence 22 BP; 6 A; 3 C; 6 G; 7 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3602 TGTACCTTCTTTGGGGAATG 3622
Db 2 TGTACTCTCTTTGGAGAAAG 22
RESULT 3453
ADA45389/c
ID ADA45389 standard; DNA; 22 BP.
XX
XX ADA45389;
AC
XX
XX 20-NOV-2003 (first entry)
DT
XX
XX Human BRAC2 gene sequencing primer #9.
DE
XX
XX Functional allele profile; genetic inheritance; haplotype; population;
KW disease; pharmacogenetic application; selective pressure; human; MSH2;
KW MHL1; BRCA1; BRCA2; PTEN; BAP1; BARD1; p53; sequencing; primer; ss.
XX
XX Homo sapiens.
OS
XX
XX US2003096236-A1.
PN
XX
XX 22-MAY-2003.
PD
XX
XX 08-AUG-2001; 2001US-00923327.
PF
XX
XX

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PR 12-FEB-1996; 96US-00598591.
PR 12-FEB-1997; 97US-00798691.
PR 04-AUG-1997; 97US-00905772.
PR 22-MAY-1998; 98US-00084471.
PR 04-AUG-1998; 98US-00129134.
PR 14-MAR-2000; 2000US-00524794.
XX
XX (ONCO-) ONCOMED INC.
PA
XX
XX Murphy PD;
PI
XX
XX WPI; 2003-576875/54.
DR
XX
XX
XX
XX Determining a functional allele profile of a gene in a population by
PT identifying the nucleotide sequence of a gene of genomic DNA from each of
PT the individuals with a family history of functional alleles of the gene
PT of interest.
XX
XX Example 5; Page 14; 28pp; English.
PS
XX
XX The present invention relates to a method for determining a functional
CC allele profile of a gene in a population. The method comprises
CC identifying the nucleotide sequence of a gene of interest out of genomic
CC DNA from each of a population of individuals identified as having a
CC family history which indicates inheritance of functional alleles of the
CC gene of interest, and rank ordering the frequency of occurrence of each
CC haplotype, where the identity of the alleles containing each haplotype
CC and the determination of their relative frequencies constitutes the
CC functional allele profile of the gene of interest in the population. The
CC method is useful for determining functional allele profiles which are
CC useful in the treatment and diagnosis of diseases, for genetic and
CC pharmacogenetic applications, and for evaluating the degree to which the
CC gene(s) are under selective pressure. The present sequence represents a
CC sequencing primer used in the method of the invention.
XX
XX Sequence 22 BP; 13 A; 5 C; 2 G; 2 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 7307 CTTTGAGATTGTGTTGTGT 7327
Db 22 CTTTGAGTTTGTGTTGTGT 2
RESULT 3454
ACH03242
ID ACH03242 standard; DNA; 22 BP.
XX
XX ACH03242;
AC
XX
XX 25-SEP-2003 (first entry)
DT
XX
XX Immunostimulatory nucleic acid #877.
DE
XX
XX Immunostimulatory; antiinflammatory; dermatological; antipsoriatic;
KW anticancer; gene therapy; vaccine; non-allergic inflammatory disease;
KW psoriasis; eczema; allergic contact dermatitis; latex dermatitis;
KW inflammatory bowel disease; ulcerative colitis; Crohn's disease; ss.
XX
XX Synthetic.
OS
XX
XX US2003050268-A1.
PN
XX
XX 13-MAR-2003.
PD
XX
XX 29-MAR-2002; 2002US-00112653.
PF
XX
XX 29-MAR-2001; 2001US-0279642P.
PR
XX
XX (KRIE/) KRIEG A M.
PA (BERG/) BERG D J.

```


XX Krleg AM, Berg DJ;
XX WPI; 2003-521815/49.
XX Treating non-allergic inflammatory diseases, such as psoriasis, eczema,
XX allergic contact dermatitis, latex dermatitis or inflammatory bowel
XX disease by administering an immunostimulatory nucleic acid.
XX
XX Disclosure; Page 32; 229pp; English.
XX
XX The invention describes a method of treating non-allergic inflammatory
XX disease comprising administering to a subject having or at risk of
XX developing a non-allergic inflammatory disease an immunostimulatory
XX nucleic acid for prevention or treatment of the disease. The method is
XX useful for treating non-allergic inflammatory diseases, such as
XX psoriasis, eczema, allergic contact dermatitis, latex dermatitis or
XX inflammatory bowel disease e.g., ulcerative colitis or Crohn's disease.
XX This sequence represents an immunostimulatory nucleic acid
XX
SQ Sequence 22 BP; 0 A; 11 C; 0 G; 11 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5328 CTCCTTTGGCTCACTCTCTC 5348
DB 1 CTCCTCTCTCTCTCTCTCTC 21

RESULT 3455
ADB37205
ID ADB37205 standard; DNA; 22 BP.
XX
XX ADB37205;
XX
XX 04-DEC-2003 (first entry)
XX
XX Immunostimulatory nucleic acid #819.
XX
XX ds; allergy; asthma; poly-G nucleic acid; aerosol formulation;
XX hypo-responsive subject; immunostimulatory.
XX
XX Synthetic.
XX
XX US2003087848-A1.
XX
XX 08-MAY-2003.
XX
XX 02-FEB-2001; 2001US-00776479.
XX
XX 03-FEB-2000; 2000US-0179991P.
XX
XX (BRAT/) BRATZLER R L.
XX (PETE/) PETERSEN D M.
XX (FOUR/) FOURON Y.
XX
XX Bratzler RL, Petersen DM, Fouron Y;
XX WPI; 2003-657977/62.
XX
XX Treating and/or preventing allergy or asthma using an immunostimulatory
XX nucleic acid alone or in combination with an asthma/allergy medicament.
XX
XX Disclosure; Page 17; 221pp; English.
XX
XX The invention relates to a method of treating or preventing allergy or
XX asthma which comprises administering to a subject a poly-G nucleic acid
XX in an aerosol formulation. The methods and compositions of the present
XX invention are useful for diagnosing and/or treating asthma and allergy
XX especially in a hypo-responsive subject. The present sequence represents
XX an immunostimulatory nucleic acid of the invention.

XX Sequence 22 BP; 0 A; 11 C; 0 G; 11 T; 0 U; 0 Other;
SQ

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5328 CTCCTTTGGCTCACTCTCTC 5348
DB 1 CTCCTCTCTCTCTCTCTCTC 21

RESULT 3456
ADB54403/C
ID ADB54403 standard; DNA; 22 BP.
XX
XX ADB54403;
XX
XX 04-DEC-2003 (first entry)
XX
XX PCR primer 71 used to amplify genomic DNA region.
XX
XX colon cell proliferative disorder; non methylated CpG dinucleotide;
XX cytosatic; cancer; adenoma; carcinoma; cytosine methylation state; ss;
XX PCR; primer.
XX
XX Unidentified.
XX
XX WO2003072821-A2.
XX
XX 04-SEP-2003.
XX
XX 27-FEB-2003; 2003WO-BP002035.
XX
XX 27-FEB-2002; 2002EP-00004551.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Adorjan P, Burger M, Maier S, Nimrich I, Becker E, Lesche R;
XX Rujan T, Schmitt A;
XX WPI; 2003-731620/69.
XX
XX Detecting and differentiating between colon cell proliferative disorders
XX associated with a gene or its regulatory regions comprises contacting a
XX target nucleic acid in a biological sample obtained from the subject with
XX a reagent.
XX
XX Claim 15; Page 24; 74pp; English.
XX
XX The invention relates to a novel method for detecting and differentiating
XX between colon cell proliferative disorders associated with at least one
XX gene or its regulatory regions. The method comprises contacting a target
XX nucleic acid in a biological sample obtained from the subject with at
XX least one reagent or a series of reagents, where the reagent or series of
XX reagents, distinguishes between methylated and non methylated CpG
XX dinucleotides within the target nucleic acid. The molecules of the
XX invention demonstrate cytosatic activity whilst the method may be useful
XX for detecting and differentiating between colon cell proliferative
XX disorders, including cancers such as colon adenoma and colon carcinoma.
XX The pNA (peptide nucleic acid)-oligomers are useful as probes for
XX determining cytosine methylation state or single nucleotide
XX polymorphisms. The current sequence is that of the PCR primer of the
XX invention which was used to amplify the genomic DNA region.
XX
SQ Sequence 22 BP; 11 A; 0 C; 8 G; 3 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5741 CCCTTCTCTCTCTCTCTCTCTC 5761
DB 1 CCCTTCTCTCTCTCTCTCTCTC 21

KW Period; PER; casein kinase I; hCKI delta; epsilon; PER1; PER2; PER3;
 KW circadian rhythm; CKI; black rat; ss; primer; PCR; RT-PCR.
 OS Rattus rattus.
 XX US655328-B1.
 XX 29-APR-2003.
 PD 29-APR-2003.
 XX 07-JUN-2000; 2000US-00589462.
 PF 08-JUN-1999; 99US-00322745.
 XX (AVET) AVENTIS PHARM INC.
 PA (AVET) AVENTIS PHARM INC.
 XX Keesler GA, Mondadori C, Yao Z, Camacho F;
 PI WPI; 2003-786290/74.
 DR WPI; 2003-786290/74.
 XX Determining the ability of a test compound to alter the phosphorylation
 PT of human Period proteins, e.g. for screening for a compound that can
 PT alter the circadian rhythm of a mammal, comprises using human kinase I
 PT delta and/or epsilon.
 XX Example 10; SEQ ID NO 7; 25pp; English.
 XX The invention relates to a novel method for determining the ability of a
 CC test compound to alter the phosphorylation of one or more human Period
 CC (PER) proteins comprising adding a test compound to a screening system
 CC comprising human casein kinase I (hCKI) delta and/or epsilon protein and
 CC one or more human Period proteins that are hPER1, hPER2, and hPER3 and
 CC determining the level of phosphorylation of a human Period protein. The
 CC method of the invention may be used for determining the ability of a test
 CC compound to alter the phosphorylation or degradation of one or more human
 CC Period proteins and to determine the ability of a test compound to alter
 CC the circadian rhythm of a mammal. The screening methods can be automated
 CC allowing for high throughput screening of a large number of test of the
 CC compounds. The current sequence is that of the forward PCR primer of the
 CC invention which was used to amplify black rat PER1 mRNA.
 XX
 SQ Sequence 22 BP; 5 A; 4 C; 7 G; 6 T; 0 U; 0 Other;
 Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 3239 TTTTAGAGCCTTAATCAGA 3259
 Db 21 TTGTACAGCAGCTTAACCA 1
 RESULT 3460
 ADC78996/c
 ID ADC78996 standard; DNA; 22 BP.
 XX
 AC ADC78996;
 XX
 DT 01-JAN-2004 (first entry)
 XX
 DE Cell differentiation promoter KKLUF protein-related PCR primer, SEQ ID 15.
 XX
 KW Cell differentiation promoter KKLUF protein; lipid-storage; obesity;
 KW anorectic; gene therapy; PCR; primer; ss.
 XX
 OS unidentified.
 OS JP2003171316-A.
 XX
 PN 20-JUN-2003.
 PD 20-JUN-2003.
 XX
 PF 17-JUL-2002; 2002JP-00208329.
 XX
 PR 21-SEP-2001; 2001JP-00288719.

XX (SUMO) SUMITOMO CHEM CO LTD.
 PA WPI; 2003-783170/74.
 DR WPI; 2003-783170/74.
 XX
 DR Novel nucleic acid encodes cell differentiation promoter KKLUF, useful for
 PT prophylaxis and treatment of disease related to lipid-storage deficiency.
 PT
 XX Example 17; SEQ ID NO 15; 47pp; Japanese.
 PS
 XX The present invention relates to cell differentiation promoter KKLUF
 CC proteins (I; ADC78982-ADC78984) and their coding sequences (ADC78987,
 CC ADC78992 and ADC78995). The proteins promote lipid-storage and are useful
 CC for prophylaxis and treatment of lipid-storage disease e.g., obesity. The
 CC present sequence is a PCR primer, which was used in an example from the
 CC invention.
 XX
 SQ Sequence 22 BP; 8 A; 7 C; 3 G; 4 T; 0 U; 0 Other;
 Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 4646 TGGATTTCCTTGTGAGAG 4666
 Db 21 TGGATTTCCTCATTTGAGAG 1
 RESULT 3461
 ADC79210
 ID ADC79210 standard; DNA; 22 BP.
 XX
 AC ADC79210;
 XX
 DT 01-JAN-2004 (first entry)
 XX
 DE Animal identification PCR primer, SEQ ID 10.
 XX
 KW Animal identification; ATP synthetase subunit 8; mitochondrion; PCR;
 KW primer; ss.
 XX
 OS unidentified.
 OS JP2003164287-A.
 XX
 PN 10-JUN-2003.
 PD 10-JUN-2003.
 XX
 PF 30-NOV-2001; 2001JP-00366120.
 XX
 PR 30-NOV-2001; 2001JP-00366120.
 XX
 PA (DOKU-) DOKURITSU GYOSEI HOJIN HISHIRYO KENSAJO.
 PA (DOKU-) DOKURITSU GYOSEI HOJIN NOGYO SEIBUTSU SH.
 XX
 DR WPI; 2003-793234/75.
 XX
 XX Identifying animal species, comprises amplifying DNA fragment in sample
 PT by PCR using specific primers originating in eighth sub-unit of ATP
 PT synthetase and gene sequence of mitochondria genome, and detecting
 PT amplified DNA fragment.
 XX
 PS Claim 7; SEQ ID NO 10; 24pp; Japanese.
 XX
 CC The present invention relates to a method (M1) for identifying (M1)
 CC animal species such as mammal, by amplifying a DNA fragment by PCR, using
 CC DNA in a sample as the template, and animal specific gene sequence
 CC primers originating in eighth sub-unit of ATP synthetase and gene
 CC sequence of mitochondria genome as primers, and detecting the amplified
 CC DNA fragment. The present sequence is a PCR primer, which was used to
 CC illustrate the method of the invention. (M1) has high sensitivity in
 CC detecting trace amounts of DNA in a sample and for detecting trace amount
 CC of cow meat and bone meat in mixed feed for livestock.

SQL Sequence 22 BP; 3 A; 1 C; 4 G; 14 T; 0 U; 0 Other;

XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7308 TTTGAGATTGTGTTGTGTC 7328
DB 2 TTTAAATTTTGTGTGTC 22

RESULT 3462
ADD21891/c
ID ADD21891 standard; DNA; 22 BP.
XX ADD21891;
AC
XX
DT 15-JAN-2004 (first entry)
XX
XX Protein translation efficiency-related DNA sequence #75.
DE
XX
XX nucleotide production; translation efficiency; protein synthesis; ds.
XX
XX
XX Unidentified.
XX
XX
XX WO2003056009-A1.
XX
XX 10-JUL-2003.
XX
XX 27-DEC-2002; 2002WO-JP013756.
XX
XX 27-DEC-2001; 2001JP-00396541.
XX
XX
XX (ENDO/) ENDO Y.
XX
XX Endo Y, Sawasaki T;
PI
XX
XX WPI; 2003-618079/58.
DR
XX
XX Preparing translation controlling nucleotides used for increased
PT efficiency during protein synthesis.
XX
XX
XX Claim 11; Page 60; 87pp; Japanese.
XX
XX The invention comprises a method for preparing nucleotides that control
CC translation efficiency of proteins. The nucleotides of the invention are
CC useful for increasing efficiency during protein synthesis. The present
CC DNA sequence is used in the exemplification of the invention.
XX
XX
SQ Sequence 22 BP; 3 A; 6 C; 0 G; 13 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4024 AAGAGAGAAACAAATGTTA 4044
DB 21 AAAAGAGAAAGATATGTGA 1

RESULT 3463
ADD36771
ID ADD36771 standard; DNA; 22 BP.
XX ADD36771;
AC
XX
DT 15-JAN-2004 (first entry)
XX
XX Human papillomavirus E6 gene-specific PCR primer 251.
DE
XX
XX cervical carcinoma; L1 gene; E6 gene; HPV16; HPV18; HPV; cervical cancer;
KW cervical cell; cervix; PCR; primer; ss.
XX

OS Human papillomavirus.
XX
XX WO2003057914-A2.
XX
XX 17-JUL-2003.
XX
XX
XX 07-JAN-2003; 2003WO-GB000034.
XX
XX
XX 07-JAN-2002; 2002GB-00000239.
PR 19-JUN-2002; 2002GB-00014124.
XX
XX
XX (NORC-) NORCHIP AS.
PA (ALTA/) ATLARD S J.
XX
XX
XX Karlsen F;
PI
XX
XX WPI; 2003-587136/55.
DR
XX
XX
XX An in vitro method of screening human subjects to assess their risk of
PT developing cervical carcinoma, comprises screening the subject for
PT expression of mRNA transcripts from the L1 gene and the E6 gene of human
PT papillomavirus.
XX
XX
XX Disclosure; Page 55; 102pp; English.
XX
XX
XX This invention relates to a novel method for the detection of human
CC papillomavirus mRNA for use in the screening of human female subjects to
CC assess their risk of developing cervical carcinoma. The invention
CC comprises screening the subject for expression of mRNA transcripts from
CC the L1 gene and the E6 gene of human papillomavirus, where subjects
CC positive for expression of L1 and/or E6 mRNA are scored as being at risk
CC of developing cervical carcinoma. The presence of the human
CC papillomavirus (in particular HPV16 and HPV18) has been associated with
CC cervical cancer in numerous epidemiological studies. The methods of the
CC invention are useful for screening human subjects to assess their risk of
CC developing cervical carcinoma, or for identifying human subjects having
CC abnormal cell changes in the cervix. The present sequence is that of a
CC preferred PCR primer which may be used to amplify the E6 gene of human
CC papillomavirus in the method of the invention.
XX
XX
SQ Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5647 ACCCCGAGCCTCATCTCTTTA 5667
DB 2 ATCCTCATCCTCATCTCTGA 22

RESULT 3464
ADD37020
ID ADD37020 standard; DNA; 22 BP.
XX
XX
XX ADD37020;
XX
XX
XX 15-JAN-2004 (first entry)
XX
XX
XX Human papillomavirus E6 gene-specific PCR primer/probe Seq ID133.
DE
XX
XX cervical carcinoma; L1 gene; E6 gene; HPV16; HPV18; HPV; cervical cancer;
KW cervical cell; cervix; PCR; primer; probe; ss.
XX
XX
XX Human papillomavirus.
XX
XX
XX WO2003057914-A2.
XX
XX
XX 17-JUL-2003.
XX
XX
XX 07-JAN-2003; 2003WO-GB000034.
XX
XX
XX 07-JAN-2002; 2002GB-00000239.
XX

```
PR 19-JUN-2002; 2002GB-00014124.
XX
XX (NORC-) NORCHIP AS.
PA (ALIA/) ALLARD S J.
XX
XX Karlisen F;
XX WPI; 2003-587136/55.
XX
XX An in vitro method of screening human subjects to assess their risk of
PT developing cervical carcinoma, comprises screening the subject for
PT expression of mRNA transcripts from the L1 gene and the E6 gene of human
PT papillomavirus.
XX
XX Disclosure; SEQ ID NO 133; 102bp; English.
XX
XX This invention relates to a novel method for the detection of human
CC papillomavirus mRNA for use in the screening of human female subjects to
CC assess their risk of developing cervical carcinoma. The invention
CC comprises screening the subject for expression of mRNA transcripts from
CC the L1 gene and the E6 gene of human papillomavirus, where subjects
CC positive for expression of L1 and/or E6 mRNA are scored as being at risk
CC of developing cervical carcinoma. The presence of the human
CC papillomavirus (in particular HPV16 and HPV18) has been associated with
CC cervical cancer in numerous epidemiological studies. The methods of the
CC invention are useful for screening human subjects to assess their risk of
CC developing cervical carcinoma, or for identifying human subjects having
CC abnormal cell changes in the cervix. The present sequence is that of a
CC PCR primer (which may also be suitable as a probe) which may be used to
CC amplify the E6 gene of human papillomavirus in the method of the
CC invention.
XX
XX Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5647 ACCCCGAGCTCATCTCTTA 5667
Db 2 ATCCTCATCTCATCTCTGA 22
RESULT 3465
ADD22074
ID ADD22074 standard; DNA; 22 BP.
XX
XX ADD22074;
AC
XX 15-JAN-2004 (first entry)
DT
XX HPV E6 gene transcribed mRNA detecting oligonucleotide, SEQ ID No 113.
DE
XX E6; human papillomavirus; HPV; NASBA; primer; PCR; ss.
KM
XX Human papillomavirus type 56.
OS
XX WO2003057927-A2.
XX
XX 17-JUL-2003.
PD
XX 07-JAN-2003; 2003WO-GB000030.
PF
XX 07-JAN-2002; 2002GB-00000258.
PR
XX (NORC-) NORCHIP AS.
PA (ALIA/) ALLARD S J.
XX
XX Karlisen F;
PI
XX WPI; 2003-587141/55.
XX
XX New oligonucleotide primer and probe for detecting the presence of mRNA
PT
```

```
PT transcripts from the E6 gene of a human papillomavirus in clinical
PT samples.
XX
XX Claim 1; SEQ ID NO 113; 28bp; English.
XX
XX The invention relates to a novel oligonucleotide molecule used for
CC detecting mRNA transcribed from the E6 gene of a human papillomavirus
CC (HPV). The oligonucleotide comprises any of the 133 fully defined
CC sequences having 17-26 bp given in the specification. The invention
CC further provides the detection of HPV mRNA in a test sample suspected of
CC containing HPV, comprising performing an amplification reaction on a
CC preparation of a nucleic acid isolated from the test sample to amplify a
CC portion of the mRNA transcribed from the E6 gene of HPV, where the
CC amplification reaction is performed using the primer-pair of
CC oligonucleotide cited above. The invention also provides: a reagent kit
CC for use in the detection of HPV by NASBA, comprising an oligonucleotide
CC primer-pair and, optionally, an enzyme mixture comprising an RNA directed
CC DNA polymerase, a ribonuclease that hydrolyzes the RNA strand of an RNA-
CC DNA hybrid without hydrolyzing single or double stranded RNA or DNA, and
CC an RNA polymerase that recognises the promoter sequence present in at
CC least one NASBA P1 primer oligonucleotide included in the reagent kit.
CC The oligonucleotide of the invention is useful in detecting mRNA
CC transcripts from the E6 gene of HPV in clinical samples. This
CC polynucleotide sequence represents one of the 133 oligonucleotides used
CC for detecting mRNA transcribed from the E6 gene of a human papillomavirus
CC (HPV) of the invention.
XX
XX Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5647 ACCCCGAGCTCATCTCTTA 5667
Db 2 ATCCTCATCTCATCTCTGA 22
RESULT 3466
ADD22346
ID ADD22346 standard; DNA; 22 BP.
XX
XX ADD22346;
AC
XX 15-JAN-2004 (first entry)
DT
XX HPV E6 gene transcribed mRNA detecting RT-PCR primer #78.
DE
XX E6; human papillomavirus; HPV; NASBA; primer; RT-PCR; ss.
KM
XX Human papillomavirus type 56.
OS
XX WO2003057927-A2.
XX
XX 17-JUL-2003.
PD
XX 07-JAN-2003; 2003WO-GB000030.
PF
XX 07-JAN-2002; 2002GB-00000258.
PR
XX (NORC-) NORCHIP AS.
PA (ALIA/) ALLARD S J.
XX
XX Karlisen F;
PI
XX WPI; 2003-587141/55.
XX
XX New oligonucleotide primer and probe for detecting the presence of mRNA
PT transcripts from the E6 gene of a human papillomavirus in clinical
PT samples.
XX
XX Disclosure; Page 25; 28bp; English.
XX
```

CC The invention relates to a novel oligonucleotide molecule used for
CC detecting mRNA transcribed from the E6 gene of a human papillomavirus
CC (HPV). The oligonucleotide comprises any of the 133 fully defined
CC sequences having 17-26 bp given in the specification. The invention
CC further provides the detection of HPV mRNA in a test sample suspected of
CC containing HPV, comprising performing an amplification reaction on a
CC preparation of a nucleic acid isolated from the test sample to amplify a
CC portion of the mRNA transcribed from the E6 gene of HPV, where the
CC amplification reaction is performed using the primer-pair of
CC oligonucleotide cited above. The invention also provides: a reagent kit
CC for use in the detection of HPV by NASBA, comprising an oligonucleotide
CC primer-pair and, optionally, an enzyme mixture comprising an RNA directed
CC DNA polymerase, a ribonuclease that hydrolyzes the RNA strand of an RNA-
CC DNA hybrid without hydrolyzing single or double stranded RNA or DNA, and
CC an RNA polymerase that recognises the promoter sequence present in at
CC least one NASBA P1 primer oligonucleotide included in the reagent kit.
CC The oligonucleotide of the invention is useful in detecting mRNA
CC transcripts from the E6 gene of HPV in clinical samples. This
CC polynucleotide sequence represents an oligonucleotide used for detecting
CC mRNA transcribed from the E6 gene of a human papillomavirus (HPV) of the
CC invention.
CC
CC
SQ Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5647 ACCCCGAGCTCATCTCTTA 5667
Db 2 ATCTCATCTCATCTCTGA 22
RESULT 3467
AAD62601
ID AAD62601 standard; DNA; 22 BP.
XX
AC AAD62601;
XX
DT 15-JAN-2004 (first entry)
XX
DE CMU chromosomal translocation t(9;22) PCR primer #3.
XX
KM Amplification; human immunodeficiency virus; environmental testing; HIV;
KM detection; diagnostic testing; PCR; primer; ss.
XX
OS Unidentified.
XX
PN US6589734-B1.
XX
PD 08-JUL-2003.
XX
PF 08-OCT-1998; 98US-00168947.
XX
PR 11-JUL-1989; 89US-00379501.
PR 10-JUL-1990; 90US-0050837.
PR 06-JUN-1995; 95US-00469067.
XX
PA (GENP-) GEN-PROBE INC.
XX
PI Kacian DL, Fulez TV, McDonough SH;
XX
DR WPI; 2003-810379/76.
XX
PT New oligonucleotide probe, useful in detecting HIV nucleic acid in a
PT sample and for environmental and diagnostic testing.
XX
PS Example 18; Col 9; 62pp; English.
XX
CC The invention relates to oligonucleotides useful in amplifying and
CC detecting human immunodeficiency virus (HIV) nucleic acid in a sample.
CC The invention is used for environmental testing, diagnostic testing,
CC research studies and for the preparation of reagents or materials for

CC cloning or other purposes. The present sequence is CMU chromosomal
CC translocation t(9;22) PCR primer. This sequence is used in the invention
XX
SQ Sequence 22 BP; 6 A; 6 C; 7 G; 3 T; 0 U; 0 Other;
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2539 GAGCTCGAGATCCTGACGTAC 2559
Db 2 GAGCTCGAGATGCTGACCAAC 22
RESULT 3468
ADE77598/c
ID ADE77598 standard; DNA; 22 BP.
XX
AC ADE77598;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human reverse PCR primer used for HLA-DR typing.
XX
KM PCR; primer; ss; human; CPT; human leukocyte antigen; HLA;
KM genetic testing; carrier screening; genotypic profiling; polymorphic;
KM multiplexed elongation assay; enzymatic recognition;
KM cystic fibrosis conductance transmembrane regulator.
XX
OS Homo sapiens.
XX
PN WO2003034029-A2.
XX
PD 24-APR-2003.
XX
PF 15-OCT-2002; 2002WO-US033012.
XX
PR 15-OCT-2001; 2001US-0329427P.
PR 15-OCT-2001; 2001US-0329428P.
PR 15-OCT-2001; 2001US-0329619P.
PR 15-OCT-2001; 2001US-0329620P.
PR 14-MAR-2002; 2002US-0364416P.
XX
PA (BIOA-) BIOARRAY SOLUTIONS LTD.
XX
PI Li AX, Hashmi G, Seul M;
XX
DR WPI; 2003-393553/37.
XX
PT Concurrent interrogation of a number of polymorphic sites, useful for
PT genetic testing, carrier screening, genotypic profiling, and identity
PT testing, comprises conducting a multiplexed elongation assay using
PT probes.
XX
PS Example 7; Page 45; 143pp; English.
XX
CC This invention relates to a novel method for the concurrent interrogation
CC of a number of polymorphic sites in the presence of, and without
CC interference from, non-designated polymorphic sites. Specifically, it
CC comprises conducting a multiplexed elongation assay by applying one or
CC more temperature cycles to achieve linear amplification of the target or
CC a combination of annealing and elongation steps under temperature-
CC controlled conditions. Furthermore, this detection method uses probe
CC extension or elongation and relies on enzymatic recognition, a superior
CC technique that no longer depends on differential hybridisation. The
CC present invention describes probes and methods useful for identifying or
CC detecting polymorphisms at one or more designated sites, such that they
CC can identify mutations within the cystic fibrosis conductance
CC transmembrane regulator (CFTR) or the human leukocyte antigen (HLA)
CC genes. In addition, concurrent interrogation of a multiplicity of
CC polymorphic sites is useful for genetic testing, carrier screening,
CC genotyping or genetic profiling, and identity testing. This
CC oligonucleotide is the human reverse PCR primer used for HLA-DR typing in

CC an exemplification of the invention.
XX
SQ Sequence 22 BP; 3 A; 8 C; 6 G; 5 T; 0 U; 0 Other;
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
CY 1610 AGAATTTCACAGCAGCTGCC 1630
DB 21 AGAGCTTCACAGTGCAGCGGC 1
RESULT 3469
ADE84293/C
ID ADE84293 standard; DNA; 22 BP.
AC ADE84293;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human lymphoid cell proliferative disorder pre-treated DNA primer #77.
XX
KM lymphoid cell proliferative disorder; methylation;
XX methylated CpG dinucleotide; single nucleotide polymorphism; SNP;
KM diffuse large B-cell lymphoma; mantle cell lymphoma;
KM chronic lymphocytic leukemia; small lymphocytic lymphoma;
KM follicular lymphoma; diagnosis; prognosis; primer; ss.
OS Homo sapiens.
XX
PN WO2003044226-A2.
PD 30-MAY-2003.
XX
PF 25-NOV-2002; 2002WO-EP013265.
XX
PR 23-NOV-2001; 2001DE-01057491.
PR 28-DEC-2001; 2001DE-01064501.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Burger M, Caldwell C, Genc B, Becker E, Maier S, Nimmrich I;
XX WPI; 2003-457621/43.
DR
XX
PT Detecting and differentiating between lymphoid cell proliferative
PT disorders comprises contacting a target nucleic acid with at least one
PT reagent that distinguishes between methylated and non-methylated CpG
PT dinucleotides.
XX
PS Claim 11; SEQ ID NO 289; 448bp; English.
XX
CC The invention relates to a method of detecting and differentiating
CC between lymphoid cell proliferative disorders associated with at least
CC one gene and/or their regulatory regions in a subject by contacting a
CC target nucleic acid in a biological sample obtained from the subject with
CC at least one reagent or series of reagents that distinguish between
CC methylated and non-methylated CpG dinucleotides within the target nucleic
CC acid. The genes and/or their regulatory regions are preferably selected
CC from MDRI, CSNK2B, EGR4, AR, CDK4, RB2, CDC25A, GPR126, MYO1, CDH3,
CC MYCL1, ELK1, ABL1, APC, BCL2, CDH1, CDKN1A, CDKN1B, CDKN2A, CDKN2C,
CC GSTP1, HIC-1, MGMT, MLH1, MOS, MYC, PTEN, RBL2, TGFBR2, TP73, CDKN1C,
CC GSK3beta, ESR1, ARAF1, BAK1, BAX or HOKA5. Oligomers, peptide nucleic
CC acid (PNA)-oligomers and/or isolated nucleic acids based on the sequences
CC of the genes are useful for detecting the methylation state of all the
CC CpG dinucleotides within one or more the sequences, or their complements,
CC for determining the cytosine methylation state and/or single nucleotide
CC polymorphisms (SNPs), and for differentiating at least two of the medical
CC conditions such as diffuse large B-cell lymphoma, mantle cell lymphoma,
CC chronic lymphocytic leukemia, small lymphocytic lymphoma and follicular
CC lymphoma. They are also useful for detecting of a predisposition to,
CC differentiation between subclasses, diagnosis, prognosis, treating and/or

CC monitoring of lymphoid cell proliferative disorder. This sequence
CC represents a PCR primer used to amplify the nucleic acid of a pretreated
CC genomic DNA derived from the above mentioned genes.
XX
SQ Sequence 22 BP; 11 A; 0 C; 8 G; 3 T; 0 U; 0 Other;
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
CY 5741 CCCTTTCTTCTATTCACCTT 5761
DB 21 CCATTTCTTACTCCCTCT 1
RESULT 3470
ADE47973/C
ID ADE47973 standard; DNA; 22 BP.
AC ADE47973;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human NOX reverse PCR primer SEQ ID NO:335.
XX
KM human; cardiac; antiarteriosclerotic; hypotensive; immunosuppressive;
KM dermatological; anorectic; cytostatic; antidiabetic; haemostatic;
KM anti-HIV; antiaesthetic; antibacterial; virucide; neuroprotective;
KM nocotropic; antiparkinsonian; antipapemic; gene therapy; vaccine; PCR;
KM primer; ss.
XX
OS Homo sapiens.
XX
PN WO2003076642-A2.
PD 18-SEP-2003.
XX
PF 02-AUG-2002; 2002WO-US024459.
XX
PR 02-AUG-2001; 2001US-0309501P.
PR 03-AUG-2001; 2001US-0310291P.
PR 08-AUG-2001; 2001US-0310951P.
PR 09-AUG-2001; 2001US-0311282P.
PR 13-AUG-2001; 2001US-0311979P.
PR 14-AUG-2001; 2001US-0312203P.
PR 17-AUG-2001; 2001US-0313156P.
PR 17-AUG-2001; 2001US-0313201P.
PR 20-AUG-2001; 2001US-0313702P.
PR 21-AUG-2001; 2001US-0314031P.
PR 23-AUG-2001; 2001US-0314466P.
PR 28-AUG-2001; 2001US-0315403P.
PR 29-AUG-2001; 2001US-0315853P.
PR 31-AUG-2001; 2001US-0316508P.
PR 21-SEP-2001; 2001US-0323936P.
PR 03-DEC-2001; 2001US-0338078P.
PR 05-FEB-2002; 2002US-0354655P.
PR 05-MAR-2002; 2002US-0361764P.
PR 19-APR-2002; 2002US-0373825P.
PR 15-MAY-2002; 2002US-0380971P.
PR 15-MAY-2002; 2002US-0380980P.
PR 16-MAY-2002; 2002US-0381039P.
PR 28-MAY-2002; 2002US-0383761P.
PR 29-MAY-2002; 2002US-0383887P.
PR 01-AUG-2002; 2002US-00210130.
XX
PA (CURA-) CURAGEN CORP.
XX
PI Zetruen BD, Paturajan M, Kekuda R, Miller CE, Rieger DK,
PI Pena CE, Shimkets RA, Li L, Berghe C, Zhong M, Casman SJ, Voss EZ,
PI Bolzog FL, Padigan M, Smitlison G, Shenoy SG, Ji W, Gorman L,
PI Verne CM, Lete MW, Guo X, Anderson DW, Spytek KA, Gerlach VU,
PI Burgess CE, Khramsov NV, Ort T, Ellerman K, Rastelli L, Agee M,
PI Chaudhuri A, Chant JS, Diptipo VA, Edinger SR, Eisen A, Gangoli EA;

PI	Giot L, Ooi CE, Rothenberg ME, Spaderma SK, Hjalte T, Liu X;
PI	Taupier RJ, Catterton B;
XX	
XX	WPI; 2003-779062/73.
DR	
XX	
XX	New NOVX polypeptides and nucleic acids, useful for preventing or
PT	treating NOVX-associated disorders, e.g. cancer, diabetes
PT	atherosclerosis, asthma or AIDS, and in chromosome mapping, tissue typing
PT	or pharmacogenomics.
XX	
PS	Example 49; SEQ ID NO 335; 562bp; English.
XX	
CC	The invention relates to a novel (NOVX) human polypeptide. A polypeptide
CC	of the invention has cardiac, antiarteriosclerotic, hypotensive,
CC	immunosuppressive, dermatological, anorectic, cytosolic, antidiabetic,
CC	haemostatic, anti-HIV, antisthmatic, antibacterial, virocidic,
CC	neuroprotective, neurotropic, antiparkinsonian, and antilepraemic activity.
CC	A polynucleotide encoding a polypeptide of the invention may have a use
CC	in gene therapy, and as a vaccine. A polypeptide of the invention is
CC	useful in the manufacture of a medicament for treating a syndrome
CC	associated with a human disease, the disease selected from a pathology
CC	associated with the polypeptide. These may also be used in diagnosing,
CC	treating or preventing NOVX-associated disorders such as cardiomyopathy,
CC	atherosclerosis, hypertension, scleroderma, obesity, cancer, diabetes,
CC	hemophilia, graft-versus-host disease, AIDS, asthma, Crohn's disease,
CC	multiple sclerosis, infections, anorexia, cancer-associated cachexia,
CC	neurodegenerative disorders (e.g. Alzheimer's disease or Parkinson's
CC	diseases), haematopoietic disorders, dyslipidaemias and other wasting
CC	disorders associated with chronic diseases. The nucleic acids are also
CC	used as hybridisation probes, in chromosome mapping, tissue typing,
CC	preventive medicine, and pharmacogenomics. The polypeptides are also
CC	useful as vaccines. The present sequence represents a PCR primer used in
XX	the invention.
XX	
SO	Sequence 22 BP; 7 A; 5 C; 4 G; 6 T; 0 U; 0 Other;
	Query Match 0.2%; Score 14.6; DB 1; Length 22;
	Best Local Similarity 81.0%; Pred. No. 2.4e+03;
	Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0
QY	5238 GGGTCCAGTCATTCACGACA 5258
Db	21 GGTTCCAGTGATTACCGAA 1
RESULT 3471	
ADBE16082/c	
ID	ADBE16082 standard; DNA; 22 BP.
AC	
XX	ADBE16082;
XX	
DT	29-JAN-2004 (first entry)
XX	
DE	G-coupled protein receptor related forward PCR primer, SEQ ID No 112.
XX	
KM	G-coupled protein receptor; antidiabetic; anorectic; antibacterial;
KM	virocidic; fungicide; cytosolic; neurotropic; neuroprotective;
KM	antiparkinsonian; haemostatic; antilepraemic; neurogenesis;
KM	cell differentiation; cell proliferation; hematopoiesis; wound healing;
KM	angiogenesis; gene therapy; chromosome mapping; tissue typing;
KM	preventive medicine; pharmacogenomics; human; PCR; primer; ss.
OS	
XX	Homo sapiens.
XX	
XX	WO200283841-A2.
XX	
PN	24-OCT-2002.
XX	
PF	03-APR-2002; 2002MO-US010713.
XX	
XX	03-APR-2001; 2001US-0281136P.
PR	05-APR-2001; 2001US-0281863P.
PR	05-APR-2001; 2001US-0281906P.

10-APR-2001; 2001US-02828357P.
PR 13-APR-2001; 2001US-0283677P.
PR 13-APR-2001; 2001US-0283678P.
PR 13-APR-2001; 2001US-0283687P.
PR 13-APR-2001; 2001US-0283710P.
PR 17-APR-2001; 2001US-0284234P.
PR 19-APR-2001; 2001US-0285325P.
PR 20-APR-2001; 2001US-0285609P.
PR 23-APR-2001; 2001US-0285748P.
PR 23-APR-2001; 2001US-0285890P.
PR 24-APR-2001; 2001US-0286068P.
PR 27-APR-2001; 2001US-0287213P.
PR 03-MAY-2001; 2001US-0288509P.
PR 30-MAY-2001; 2001US-0294959P.
PR 31-MAY-2001; 2001US-0294801P.
PR 31-JUL-2001; 2001US-0399216P.
PR 25-SEP-2001; 2001US-0324775P.
PR 28-NOV-2001; 2001US-0333900P.
PR 02-APR-2002; 2002US-00115479.
XX
XX (CUBA-) CUBAGEN CORP.
XX
XX Li L, Gerlach V, Liu X, Miller CE, Sytrek KA, Zernhsen BD.
F1 Pena CE, Shenoy SG, Zhong H, Smithson G, Caeman SU, Boldog FL;
F1 Vong EZ, Vernet CMW, MacDougall JR, Rastelli L, Anderson DW;
P1 Zhong M, Meeres PD, Futrak K, Patuwanjan M, Bugees CE, Malyankar UM;
P1 Shinkets RA, Taupier RJ, Edinger SR, Mazur A;
XX
XX WPI, 2003-067574/06.
XX
XX New isolated NOXV polypeptides and polynucleotides, useful for
PT preventing, diagnosing or treating NOXV-associated disorders e.g.
PT diabetes, obesity, dyslipidemias, cancer, Parkinson's disease,
PT Alzheimer's disease, infections.
XX
XX Example 27, SEQ ID NO 112, 320pp; English.
XX
XX The invention relates to a novel isolated G-coupled protein receptor
XX related polypeptides. The novel polypeptide comprise any of the 22 fully
CC defined sequences of 87-1780 amino acids, given in the specification;
CC their mature forms; and possible variants. The novel polypeptides have
CC the following activities: antidiabetic, anorectic, antibacterial,
CC virucide, fungicide, cytostatic, nootropic, neuroprotective,
CC antiparkinsonian, haemostatic, and antilipemic. The G-coupled protein
CC receptor related polypeptides are useful in a method of treating or
CC preventing in a human, a pathology associated with the G-coupled protein
CC receptor related polypeptides. The polypeptides are useful in the
CC manufacture of a medicament for treating a syndrome associated with a
CC human disease, preferably a NOXV-associated disorder. The novel
CC polypeptides are useful for treating, preventing or diagnosing diseases,
CC such as metabolic disorders, diabetes, obesity, infectious diseases,
CC anorexia, cancer-associated diseases, neurodegenerative disorders,
CC Alzheimer's disease, Parkinson's disease, immune disorders, hematopoietic
CC disorders, and various dyslipidemias, metabolic disturbances associated
CC with obesity, metabolic X syndrome and wasting disorders associated with
CC chronic diseases and various cancers. The nucleic acids and polypeptides
CC may also be used as targets for the identification of small molecules
CC that modulate or inhibit e.g. neurogenesis, cell differentiation, cell
CC proliferation, hematopoiesis, wound healing and angiogenesis, in gene
CC therapy, in generation of antibodies that bind immunospecifically to NOXV
CC substances for use in therapeutic or diagnostic methods. The nucleic
CC acids are further used as hybridization probes, in chromosome mapping,
CC tissue typing, preventive medicine, and pharmacogenomics. This
CC polynucleotide sequence represents a primer relating to the novel G-
CC coupled protein receptor related polypeptides of the invention.
XX
XX Sequence 22 BP; 6 A; 4 C; 5 G; 7 T; 0 U; 0 Other;
SQ

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

3779 ACATTGGACCTTCAACATG 3799

Thu Oct 14 13:14:30 2004

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Page 1635

DB 21 ACATTGAACCTTCAAGAG 1

Search completed: October 14, 2004, 11:24:34
Job time : 322 secs

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C 108	21	0.3	21	1	US-09-888-326-240	Sequence 740, App	c 181	20	0.3	20	1	US-09-967-409A-55	Sequence 55, Appl1
C 109	21	0.3	21	1	US-09-776-479-780	Sequence 780, App	c 182	20	0.3	20	1	US-09-975-062A-55	Sequence 55, Appl1
C 110	21	0.3	21	1	US-09-776-479-780	Sequence 780, App	c 183	20	0.3	20	1	US-09-976-378A-55	Sequence 55, Appl1
C 111	21	0.3	21	1	US-09-940-227-48	Sequence 48, Appl1	c 184	20	0.3	20	1	US-09-976-577-55	Sequence 55, Appl1
C 112	21	0.3	21	1	US-10-314-578-780	Sequence 780, App	c 185	20	0.3	20	1	US-09-771-554-5	Sequence 55, Appl1
C 113	21	0.3	21	1	US-10-112-653-753	Sequence 753, App	c 186	20	0.3	20	1	US-09-966-312-55	Sequence 55, Appl1
C 114	21	0.3	21	1	US-10-017-995-780	Sequence 780, App	c 187	20	0.3	20	1	US-09-927-777A-55	Sequence 55, Appl1
C 115	21	0.3	21	1	US-10-007-078-4	Sequence 4, Appl1	c 188	20	0.3	20	1	US-09-927-777A-70	Sequence 70, Appl1
C 116	21	0.3	21	1	US-10-410-031-190	Sequence 190, App	c 189	20	0.3	20	1	US-09-966-491A-55	Sequence 55, Appl1
C 117	21	0.3	24	1	US-10-081-969-18	Sequence 18, Appl1	c 190	20	0.3	20	1	US-09-976-977A-55	Sequence 55, Appl1
C 118	21	0.3	30	1	US-09-927-777A-68	Sequence 68, Appl1	c 191	20	0.3	20	1	US-09-880-505-83	Sequence 83, Appl1
C 119	21	0.3	30	1	US-10-008-978-68	Sequence 68, App1	c 192	20	0.3	20	1	US-09-820-278B-55	Sequence 55, App1
C 120	21	0.3	30	1	US-10-266-983-68	Sequence 68, App1	c 193	20	0.3	20	1	US-09-888-326-2	Sequence 2, Appl1
C 121	21	0.3	30	1	US-10-335-573-1	Sequence 68, App1	c 194	20	0.3	20	1	US-09-888-326-838	Sequence 838, App
C 122	21	0.3	32	1	US-10-208-357-14	Sequence 14, Appl1	c 195	20	0.3	20	1	US-09-888-326-839	Sequence 839, App
C 123	21	0.3	32	1	US-10-335-573-3	Sequence 3, Appl1	c 196	20	0.3	20	1	US-09-981-344-55	Sequence 55, Appl1
C 124	21	0.3	24	1	US-09-920-342-12	Sequence 12, Appl1	c 197	20	0.3	20	1	US-09-957-318A-55	Sequence 55, Appl1
C 125	20.8	0.3	24	1	US-09-920-313-148	Sequence 148, App	c 198	20	0.3	20	1	US-09-974-500A-55	Sequence 55, Appl1
C 126	20.8	0.3	24	1	US-09-949-305B-6	Sequence 6, Appl1	c 199	20	0.3	20	1	US-09-975-376A-55	Sequence 55, Appl1
C 127	20.8	0.3	24	1	US-09-888-326-841	Sequence 841, App	c 200	20	0.3	20	1	US-09-957-313A-55	Sequence 55, Appl1
C 128	20.8	0.3	24	1	US-09-776-479-433	Sequence 433, App	c 201	20	0.3	20	1	US-09-912-014-16	Sequence 16, Appl1
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C 130	20.8	0.3	24	1	US-09-776-479-961	Sequence 961, App	c 203	20	0.3	20	1	US-09-976-672A-55	Sequence 55, Appl1
C 131	20.8	0.3	24	1	US-09-776-479-961	Sequence 961, App	c 204	20	0.3	20	1	US-09-881-535-2	Sequence 2, Appl1
C 132	20.8	0.3	24	1	US-09-776-479-962	Sequence 962, App	c 205	20	0.3	20	1	US-09-776-479-226	Sequence 226, App
C 133	20.8	0.3	24	1	US-09-776-479-962	Sequence 962, App	c 206	20	0.3	20	1	US-09-776-479-556	Sequence 556, App
C 134	20.8	0.3	24	1	US-09-732-047B-1	Sequence 1, Appl1	c 207	20	0.3	20	1	US-09-776-479-556	Sequence 556, App
C 135	20.8	0.3	24	1	US-10-058-270A-140	Sequence 140, App	c 208	20	0.3	20	1	US-09-776-479-556	Sequence 556, App
C 136	20.8	0.3	24	1	US-10-314-578-433	Sequence 433, App	c 209	20	0.3	20	1	US-09-776-479-560	Sequence 560, App
C 137	20.8	0.3	24	1	US-10-314-578-961	Sequence 961, App	c 210	20	0.3	20	1	US-09-776-479-560	Sequence 560, App
C 138	20.8	0.3	24	1	US-10-314-578-962	Sequence 962, App	c 211	20	0.3	20	1	US-09-976-601A-55	Sequence 55, Appl1
C 139	20.8	0.3	24	1	US-10-671-628-10	Sequence 10, Appl1	c 212	20	0.3	20	1	US-09-975-058A-55	Sequence 55, Appl1
C 140	20.8	0.3	24	1	US-10-043-415-4	Sequence 4, Appl1	c 213	20	0.3	20	1	US-09-976-968A-55	Sequence 55, Appl1
C 141	20.8	0.3	24	1	US-10-112-653-415	Sequence 415, App	c 214	20	0.3	20	1	US-10-640-618-55	Sequence 55, Appl1
C 142	20.8	0.3	24	1	US-10-112-653-919	Sequence 919, App	c 215	20	0.3	20	1	US-09-994-701B-6	Sequence 6, Appl1
C 143	20.8	0.3	24	1	US-10-112-653-920	Sequence 920, App	c 216	20	0.3	20	1	US-09-994-701B-6	Sequence 6, Appl1
C 144	20.8	0.3	24	1	US-10-017-995-433	Sequence 433, App	c 217	20	0.3	20	1	US-09-916-369A-1	Sequence 1, Appl1
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C 147	20.8	0.3	24	1	US-10-058-513-39	Sequence 39, Appl1	c 220	20	0.3	20	1	US-10-181-200-15	Sequence 15, Appl1
C 148	20.8	0.3	24	1	US-10-216-122-151	Sequence 151, App	c 221	20	0.3	20	1	US-10-314-578-226	Sequence 226, App
C 149	20.8	0.3	24	1	US-10-272-502A-2	Sequence 2, Appl1	c 222	20	0.3	20	1	US-10-314-578-556	Sequence 556, App
C 150	20.8	0.3	24	1	US-10-224-523-53	Sequence 53, Appl1	c 223	20	0.3	20	1	US-10-314-578-560	Sequence 560, App
C 151	20.8	0.3	24	1	US-10-389-665-4	Sequence 4, Appl1	c 224	20	0.3	20	1	US-10-208-357-26	Sequence 26, Appl1
C 152	20.8	0.3	24	1	US-10-309-775A-19	Sequence 19, Appl1	c 225	20	0.3	20	1	US-10-051-643-83	Sequence 83, Appl1
C 153	20.8	0.3	24	1	US-10-360-511-14	Sequence 14, Appl1	c 226	20	0.3	20	1	US-10-176-055-11	Sequence 11, Appl1
C 154	20.8	0.3	24	1	US-10-062-188-106	Sequence 106, App	c 227	20	0.3	20	1	US-10-117-267-1	Sequence 218, App
C 155	20.8	0.3	24	1	US-10-374-307-13	Sequence 13, Appl1	c 228	20	0.3	20	1	US-10-112-653-218	Sequence 218, App
C 156	20.8	0.3	24	1	US-10-374-307-16	Sequence 16, Appl1	c 229	20	0.3	20	1	US-10-112-653-533	Sequence 533, App
C 157	20.8	0.3	25	1	US-10-480-013-2	Sequence 2, Appl1	c 230	20	0.3	20	1	US-10-112-653-537	Sequence 537, App
C 158	20.8	0.3	30	1	US-10-359-036B-42	Sequence 42, Appl1	c 231	20	0.3	20	1	US-10-077-383-5	Sequence 5, Appl1
C 159	20.8	0.3	32	1	US-10-152-992-3	Sequence 3, Appl1	c 232	20	0.3	20	1	US-10-077-383-6	Sequence 6, Appl1
C 160	20.6	0.3	24	1	US-10-344-741-21	Sequence 21, Appl1	c 233	20	0.3	20	1	US-10-017-995-226	Sequence 226, App
C 161	20.6	0.3	31	1	US-09-801-274-439	Sequence 439, App	c 234	20	0.3	20	1	US-10-017-995-556	Sequence 556, App
C 162	20.6	0.3	31	1	US-09-801-274-1526	Sequence 1526, App	c 235	20	0.3	20	1	US-10-017-995-556	Sequence 560, App
C 163	20.4	0.3	22	1	US-10-216-122-94	Sequence 94, Appl1	c 236	20	0.3	20	1	US-10-194-138-32	Sequence 32, Appl1
C 164	20.4	0.3	25	1	US-10-335-573-6	Sequence 6, Appl1	c 237	20	0.3	20	1	US-10-008-978-55	Sequence 55, Appl1
C 165	20.4	0.3	25	1	US-10-205-841-26	Sequence 26, Appl1	c 238	20	0.3	20	1	US-10-008-978-70	Sequence 70, Appl1
C 166	20.4	0.3	30	1	US-10-291-986-4	Sequence 4, Appl1	c 239	20	0.3	20	1	US-10-007-078-11	Sequence 11, Appl1
C 167	20.4	0.3	30	1	US-09-853-745-37	Sequence 37, Appl1	c 240	20	0.3	20	1	US-10-007-078-12	Sequence 12, Appl1
C 168	20.2	0.3	21	1	US-10-133-937-99	Sequence 99, Appl1	c 241	20	0.3	20	1	US-10-007-078-13	Sequence 13, Appl1
C 169	20.2	0.3	21	1	US-10-159-563-99	Sequence 99, Appl1	c 242	20	0.3	20	1	US-10-007-078-14	Sequence 14, Appl1
C 170	20.2	0.3	22	1	US-10-314-321A-56	Sequence 56, Appl1	c 243	20	0.3	20	1	US-10-007-078-15	Sequence 15, Appl1
C 171	20.2	0.3	25	1	US-10-002-536A-2	Sequence 2, Appl1	c 244	20	0.3	20	1	US-10-007-078-16	Sequence 16, Appl1
C 172	20.2	0.3	27	1	US-10-418-182-148	Sequence 148, App	c 245	20	0.3	20	1	US-10-007-078-17	Sequence 17, Appl1
C 173	20.2	0.3	29	1	US-09-997-931-6	Sequence 6, Appl1	c 246	20	0.3	20	1	US-10-007-078-18	Sequence 18, Appl1
C 174	20.2	0.3	31	1	US-10-194-138-1	Sequence 1, Appl1	c 247	20	0.3	20	1	US-10-007-078-19	Sequence 19, Appl1
C 175	20	0.3	20	1	US-09-973-788A-55	Sequence 55, Appl1	c 248	20	0.3	20	1	US-10-007-078-20	Sequence 20, Appl1
C 176	20	0.3	20	1	US-09-973-638A-55	Sequence 55, Appl1	c 249	20	0.3	20	1	US-10-007-078-21	Sequence 21, Appl1
C 177	20	0.3	20	1	US-09-974-007-55	Sequence 55, Appl1	c 250	20	0.3	20	1	US-10-007-078-22	Sequence 22, Appl1
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C 179	20	0.3	20	1	US-09-961-949A-55	Sequence 55, Appl1	c 252	20	0.3	20	1	US-10-007-078-24	Sequence 24, Appl1

C 253	20	0.3	20	1	US-10-007-078-25	Sequence 25, App1	326	20	0.3	20	1	US-10-671-395-184	Sequence 184, App
C 254	20	0.3	20	1	US-10-007-078-26	Sequence 26, App1	327	20	0.3	20	1	US-10-671-395-185	Sequence 185, App
C 255	20	0.3	20	1	US-10-007-078-27	Sequence 27, App1	328	20	0.3	20	1	US-10-671-395-186	Sequence 186, App
C 256	20	0.3	20	1	US-10-007-078-28	Sequence 28, App1	329	20	0.3	20	1	US-10-671-395-187	Sequence 187, App
C 257	20	0.3	20	1	US-10-007-078-29	Sequence 29, App1	330	20	0.3	20	1	US-10-671-395-188	Sequence 188, App
C 258	20	0.3	20	1	US-10-007-078-30	Sequence 30, App1	331	20	0.3	20	1	US-10-671-395-189	Sequence 189, App
C 259	20	0.3	20	1	US-10-007-078-31	Sequence 31, App1	332	20	0.3	20	1	US-10-671-395-190	Sequence 190, App
C 260	20	0.3	20	1	US-10-007-078-32	Sequence 32, App1	333	20	0.3	20	1	US-10-671-395-191	Sequence 191, App
C 261	20	0.3	20	1	US-10-007-078-33	Sequence 33, App1	334	20	0.3	20	1	US-10-671-395-192	Sequence 192, App
C 262	20	0.3	20	1	US-10-007-078-34	Sequence 34, App1	335	20	0.3	20	1	US-10-671-395-193	Sequence 193, App
C 263	20	0.3	20	1	US-10-007-078-35	Sequence 35, App1	336	20	0.3	20	1	US-10-671-395-194	Sequence 194, App
C 264	20	0.3	20	1	US-10-007-078-36	Sequence 36, App1	337	20	0.3	20	1	US-10-671-395-195	Sequence 195, App
C 265	20	0.3	20	1	US-10-007-078-37	Sequence 37, App1	338	20	0.3	20	1	US-10-671-395-196	Sequence 196, App
C 266	20	0.3	20	1	US-10-007-078-38	Sequence 38, App1	339	20	0.3	20	1	US-10-671-395-197	Sequence 197, App
C 267	20	0.3	20	1	US-10-007-078-39	Sequence 39, App1	340	20	0.3	20	1	US-10-671-395-198	Sequence 198, App
C 268	20	0.3	20	1	US-10-007-078-40	Sequence 40, App1	341	20	0.3	20	1	US-10-671-395-199	Sequence 199, App
C 269	20	0.3	20	1	US-10-007-078-41	Sequence 41, App1	342	20	0.3	20	1	US-10-671-395-200	Sequence 200, App
C 270	20	0.3	20	1	US-10-007-078-42	Sequence 42, App1	343	20	0.3	20	1	US-10-671-395-201	Sequence 201, App
C 271	20	0.3	20	1	US-10-007-078-43	Sequence 43, App1	344	20	0.3	20	1	US-10-671-395-202	Sequence 202, App
C 272	20	0.3	20	1	US-10-007-078-44	Sequence 44, App1	345	20	0.3	20	1	US-10-671-395-203	Sequence 203, App
C 273	20	0.3	20	1	US-10-007-078-45	Sequence 45, App1	346	20	0.3	20	1	US-10-671-395-204	Sequence 204, App
C 274	20	0.3	20	1	US-10-007-078-46	Sequence 46, App1	347	20	0.3	20	1	US-10-671-395-205	Sequence 205, App
C 275	20	0.3	20	1	US-10-007-078-47	Sequence 47, App1	348	20	0.3	20	1	US-10-671-395-206	Sequence 206, App
C 276	20	0.3	20	1	US-10-007-078-48	Sequence 48, App1	349	20	0.3	20	1	US-10-671-395-207	Sequence 207, App
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C 278	20	0.3	20	1	US-10-007-078-50	Sequence 50, App1	351	20	0.3	20	1	US-10-671-395-262	Sequence 262, App
C 279	20	0.3	20	1	US-10-007-078-51	Sequence 51, App1	352	20	0.3	20	1	US-10-671-395-274	Sequence 274, App
C 280	20	0.3	20	1	US-10-007-078-52	Sequence 52, App1	353	20	0.3	20	1	US-10-671-395-275	Sequence 275, App
C 281	20	0.3	20	1	US-10-007-078-53	Sequence 53, App1	354	20	0.3	20	1	US-10-671-395-276	Sequence 276, App
C 282	20	0.3	20	1	US-10-007-078-54	Sequence 54, App1	355	20	0.3	20	1	US-10-671-395-277	Sequence 277, App
C 283	20	0.3	20	1	US-10-007-078-55	Sequence 55, App1	356	20	0.3	20	1	US-10-671-395-311	Sequence 311, App
C 284	20	0.3	20	1	US-10-007-078-56	Sequence 56, App1	357	20	0.3	20	1	US-10-671-395-338	Sequence 338, App
C 285	20	0.3	20	1	US-10-007-078-57	Sequence 57, App1	358	20	0.3	20	1	US-10-671-395-376	Sequence 376, App
C 286	20	0.3	20	1	US-10-007-078-58	Sequence 58, App1	359	20	0.3	20	1	US-10-671-395-403	Sequence 403, App
C 287	20	0.3	20	1	US-10-007-078-59	Sequence 59, App1	360	20	0.3	20	1	US-10-671-395-427	Sequence 427, App
C 288	20	0.3	20	1	US-10-007-078-60	Sequence 60, App1	361	20	0.3	20	1	US-10-671-395-433	Sequence 433, App
C 289	20	0.3	20	1	US-10-007-078-61	Sequence 61, App1	362	20	0.3	20	1	US-10-671-395-444	Sequence 444, App
C 290	20	0.3	20	1	US-10-007-078-62	Sequence 62, App1	363	20	0.3	20	1	US-10-671-395-487	Sequence 487, App
C 291	20	0.3	20	1	US-10-007-078-63	Sequence 63, App1	364	20	0.3	20	1	US-10-671-395-575	Sequence 575, App
C 292	20	0.3	20	1	US-10-007-078-64	Sequence 64, App1	365	20	0.3	20	1	US-10-661-088-12	Sequence 12, App1
C 293	20	0.3	20	1	US-10-007-078-65	Sequence 65, App1	366	20	0.3	20	1	US-10-661-088-15	Sequence 15, App1
C 294	20	0.3	20	1	US-10-007-078-66	Sequence 66, App1	367	20	0.3	20	1	US-10-661-097-12	Sequence 12, App1
C 295	20	0.3	20	1	US-10-007-078-67	Sequence 67, App1	368	20	0.3	20	1	US-10-661-097-15	Sequence 15, App1
C 296	20	0.3	20	1	US-10-007-078-68	Sequence 68, App1	369	20	0.3	20	1	US-10-661-099-12	Sequence 12, App1
C 297	20	0.3	20	1	US-10-007-078-69	Sequence 69, App1	370	20	0.3	20	1	US-10-661-099-15	Sequence 15, App1
C 298	20	0.3	20	1	US-10-007-078-70	Sequence 70, App1	371	20	0.3	20	1	US-10-661-355-12	Sequence 12, App1
C 299	20	0.3	20	1	US-10-007-078-71	Sequence 71, App1	372	20	0.3	20	1	US-10-661-355-15	Sequence 15, App1
C 300	20	0.3	20	1	US-10-007-078-72	Sequence 72, App1	373	20	0.3	21	1	US-09-888-326-840	Sequence 2, App1
C 301	20	0.3	20	1	US-10-007-078-73	Sequence 73, App1	374	20	0.3	21	1	US-09-912-014-2	Sequence 41, App1
C 302	20	0.3	20	1	US-10-007-078-74	Sequence 74, App1	375	20	0.3	21	1	US-09-997-672-41	Sequence 912, App
C 303	20	0.3	20	1	US-10-007-078-75	Sequence 75, App1	376	20	0.3	21	1	US-09-776-479-812	Sequence 912, App
C 304	20	0.3	20	1	US-10-007-078-76	Sequence 76, App1	377	20	0.3	21	1	US-09-776-479-912	Sequence 912, App
C 305	20	0.3	20	1	US-10-007-078-77	Sequence 77, App1	378	20	0.3	21	1	US-10-144-179A-41	Sequence 41, App1
C 306	20	0.3	20	1	US-10-007-078-78	Sequence 78, App1	379	20	0.3	21	1	US-10-314-578-912	Sequence 912, App
C 307	20	0.3	20	1	US-10-188-404-66	Sequence 66, App1	380	20	0.3	21	1	US-10-096-221-4	Sequence 4, App1
C 308	20	0.3	20	1	US-10-234-764-10	Sequence 10, App1	381	20	0.3	21	1	US-10-112-653-881	Sequence 881, App
C 309	20	0.3	20	1	US-10-255-434-14	Sequence 14, App1	382	20	0.3	21	1	US-10-017-995-812	Sequence 912, App
C 310	20	0.3	20	1	US-10-255-434-26	Sequence 26, App1	383	20	0.3	21	1	US-10-100-321-23	Sequence 23, App1
C 311	20	0.3	20	1	US-10-278-047-1	Sequence 1, App1	384	20	0.3	21	1	US-10-371-066-2	Sequence 2, App1
C 312	20	0.3	20	1	US-10-371-474-63	Sequence 63, App1	385	20	0.3	21	1	US-10-170-172-2	Sequence 2, App1
C 313	20	0.3	20	1	US-10-371-066-16	Sequence 16, App1	386	20	0.3	21	1	US-10-410-031-188	Sequence 188, App
C 314	20	0.3	20	1	US-10-410-324-55	Sequence 55, App1	387	20	0.3	21	1	US-10-410-021-189	Sequence 189, App
C 315	20	0.3	20	1	US-10-266-983-55	Sequence 55, App1	388	20	0.3	21	1	US-10-435-489-41	Sequence 41, App1
C 316	20	0.3	20	1	US-10-266-983-70	Sequence 70, App1	389	20	0.3	21	1	US-10-278-760-2	Sequence 2, App1
C 317	20	0.3	20	1	US-10-431-341-31	Sequence 31, App1	390	20	0.3	23	1	US-09-426-548-126	Sequence 126, App
C 318	20	0.3	20	1	US-10-653-418-25	Sequence 25, App1	391	20	0.3	24	1	US-09-901-484A-10	Sequence 10, App1
C 319	20	0.3	20	1	US-10-716-828-55	Sequence 55, App1	392	20	0.3	24	1	US-09-853-576-10	Sequence 10, App1
C 320	20	0.3	20	1	US-10-671-395-178	Sequence 178, App	393	20	0.3	24	1	US-10-002-536A-3	Sequence 3, App1
C 321	20	0.3	20	1	US-10-671-395-179	Sequence 179, App	394	20	0.3	24	1	US-10-002-536A-4	Sequence 4, App1
C 322	20	0.3	20	1	US-10-671-395-180	Sequence 180, App	395	20	0.3	24	1	US-10-331-780-6	Sequence 6, App1
C 323	20	0.3	20	1	US-10-671-395-181	Sequence 181, App	396	20	0.3	25	1	US-10-336-551-15	Sequence 15, App1
C 324	20	0.3	20	1	US-10-671-395-182	Sequence 182, App	397	20	0.3	29	1	US-09-987-456-102	Sequence 102, App
C 325	20	0.3	20	1	US-10-671-395-183	Sequence 183, App	398	20	0.3	29	1	US-09-818-991-56	Sequence 56, App1

C 399	20	0.3	29	1	US-10-061-395-91	Sequence 91, Appl	C 472	19	0.3	19	1	US-10-100-321-24	Sequence 24, Appl
C 400	20	0.3	29	1	US-10-052-942-134	Sequence 134, App	473	19	0.3	19	1	US-10-232-881-1	Sequence 1, Appl
C 401	20	0.3	29	1	US-10-277-161-56	Sequence 56, Appl	474	19	0.3	19	1	US-10-247-893-3	Sequence 3, Appl
C 402	20	0.3	29	1	US-10-321-039-423	Sequence 423, App	475	19	0.3	19	1	US-10-247-893-7	Sequence 7, Appl
C 403	20	0.3	30	1	US-09-891-517-5	Sequence 5, Appl	476	19	0.3	19	1	US-10-247-893-13	Sequence 13, Appl
C 404	20	0.3	30	1	US-09-891-517-6	Sequence 6, Appl	477	19	0.3	19	1	US-10-098-816-15	Sequence 15, Appl
C 405	20	0.3	30	1	US-09-891-517-7	Sequence 7, Appl	478	19	0.3	19	1	US-10-098-816-17	Sequence 17, Appl
C 406	20	0.3	30	1	US-09-891-517-8	Sequence 8, Appl	479	19	0.3	19	1	US-10-098-816-18	Sequence 18, Appl
C 407	20	0.3	30	1	US-09-891-517-9	Sequence 9, Appl	480	19	0.3	19	1	US-10-098-816-26	Sequence 26, Appl
C 408	20	0.3	30	1	US-09-891-517-10	Sequence 10, Appl	481	19	0.3	19	1	US-10-322-242-1	Sequence 1, Appl
C 409	20	0.3	30	1	US-09-891-517-11	Sequence 11, Appl	482	19	0.3	19	1	US-10-371-600-14	Sequence 14, Appl
C 410	20	0.3	30	1	US-09-891-517-12	Sequence 12, Appl	483	19	0.3	19	1	US-10-170-172-16	Sequence 16, Appl
C 411	20	0.3	30	1	US-09-891-517-13	Sequence 13, Appl	484	19	0.3	19	1	US-10-205-309-325	Sequence 325, App
C 412	20	0.3	30	1	US-10-683-386-4	Sequence 4, Appl	C 485	19	0.3	19	1	US-10-205-309-650	Sequence 650, App
C 413	20	0.3	30	1	US-10-683-386-5	Sequence 5, Appl	C 486	19	0.3	19	1	US-10-331-109-33	Sequence 33, Appl
C 414	20	0.3	30	1	US-10-683-386-6	Sequence 6, Appl	487	19	0.3	19	1	US-10-359-328-5	Sequence 5, Appl
C 415	20	0.3	30	1	US-10-683-386-7	Sequence 7, Appl	488	19	0.3	19	1	US-10-359-328-26	Sequence 26, Appl
C 416	20	0.3	30	1	US-10-683-386-8	Sequence 8, Appl	489	19	0.3	19	1	US-10-387-346B-154	Sequence 154, App
C 417	20	0.3	30	1	US-10-683-386-9	Sequence 9, Appl	490	19	0.3	19	1	US-09-005-243-32	Sequence 32, Appl
C 418	20	0.3	30	1	US-10-683-386-10	Sequence 10, Appl	491	19	0.3	20	1	US-09-224-683-32	Sequence 32, Appl
C 419	20	0.3	30	1	US-10-683-386-11	Sequence 11, Appl	492	19	0.3	20	1	US-09-916-368A-3	Sequence 3, Appl
C 420	20	0.3	30	1	US-10-683-386-12	Sequence 12, Appl	C 493	19	0.3	20	1	US-10-671-395-654	Sequence 654, App
C 421	20	0.3	30	1	US-10-683-386-13	Sequence 13, Appl	494	19	0.3	20	1	US-10-175-608-32	Sequence 32, Appl
C 422	20	0.3	30	1	US-10-079-616-23	Sequence 23, Appl	495	19	0.3	20	1	US-10-479-510-11	Sequence 11, Appl
C 423	20	0.3	30	1	US-10-209-608-4	Sequence 4, Appl	C 496	19	0.3	21	1	US-10-182-434-1	Sequence 1, Appl
C 424	20	0.3	30	1	US-10-209-608-5	Sequence 5, Appl	497	19	0.3	24	1	US-10-297-277-4	Sequence 4, Appl
C 425	20	0.3	30	1	US-10-209-608-6	Sequence 6, Appl	498	19	0.3	25	1	US-10-336-638-464	Sequence 464, App
C 426	20	0.3	30	1	US-10-209-608-7	Sequence 7, Appl	C 499	19	0.3	29	1	US-09-927-777A-72	Sequence 72, Appl
C 427	20	0.3	30	1	US-10-209-608-8	Sequence 8, Appl	500	19	0.3	35	1	US-10-397-579-2	Sequence 2, Appl
C 428	20	0.3	30	1	US-10-209-608-9	Sequence 9, Appl	501	19	0.3	35	1	US-10-008-978-72	Sequence 72, Appl
C 429	20	0.3	30	1	US-10-209-608-10	Sequence 10, Appl	502	19	0.3	35	1	US-10-153-483-2	Sequence 2, Appl
C 430	20	0.3	30	1	US-10-209-608-11	Sequence 11, Appl	503	19	0.3	35	1	US-10-266-983-72	Sequence 72, Appl
C 431	20	0.3	30	1	US-10-209-608-12	Sequence 12, Appl	504	19	0.3	35	1	US-10-266-983-77	Sequence 77, Appl
C 432	20	0.3	30	1	US-10-357-888-20	Sequence 20, Appl	C 505	18	0.3	22	1	US-09-888-613-120	Sequence 120, App
C 433	19.8	0.3	23	1	US-10-473-561-46	Sequence 46, Appl	C 507	18.8	0.3	22	1	US-10-028-411-27	Sequence 27, Appl
C 434	19.8	0.3	24	1	US-10-477-726-46	Sequence 46, Appl	508	18.8	0.3	24	1	US-09-885-445-42	Sequence 42, Appl
C 435	19.8	0.3	27	1	US-09-985-911-16	Sequence 16, Appl	509	18.8	0.3	24	1	US-10-424-835-42	Sequence 42, Appl
C 436	19.8	0.3	27	1	US-10-182-434-2	Sequence 2, Appl	510	18.8	0.3	24	1	US-10-309-775A-20	Sequence 20, Appl
C 437	19.8	0.3	27	1	US-10-467-019-7	Sequence 7, Appl	511	18.8	0.3	24	1	US-10-309-775A-28	Sequence 28, Appl
C 438	19.6	0.3	26	1	US-09-878-756-8	Sequence 8, Appl	C 512	18.8	0.3	24	1	US-10-198-447A-22	Sequence 22, Appl
C 439	19.6	0.3	30	1	US-10-744-635-36	Sequence 36, Appl	C 513	18.8	0.3	26	1	US-10-096-075-12	Sequence 12, Appl
C 440	19.6	0.3	30	1	US-09-828-034-14	Sequence 14, Appl	C 514	18.8	0.3	26	1	US-10-764-418-12	Sequence 12, Appl
C 441	19.4	0.3	21	1	US-10-215-432-37	Sequence 37, Appl	C 515	18.8	0.3	27	1	US-10-418-182-13	Sequence 138, App
C 442	19.4	0.3	21	1	US-10-215-432-44	Sequence 44, Appl	516	18.8	0.3	28	1	US-09-263-959-420	Sequence 420, App
C 443	19.4	0.3	21	1	US-10-418-182-96	Sequence 96, Appl	517	18.8	0.3	28	1	US-10-309-775A-74	Sequence 74, Appl
C 444	19.2	0.3	21	1	US-10-309-775A-27	Sequence 27, Appl	C 518	18.6	0.2	25	1	US-10-398-483-16	Sequence 16, Appl
C 445	19.2	0.3	24	1	US-09-866-108-13908	Sequence 13908, A	519	18.6	0.2	26	1	US-09-563-728A-5	Sequence 5, Appl
C 446	19.2	0.3	25	1	US-09-866-108-13909	Sequence 13909, A	520	18.6	0.2	26	1	US-10-145-493B-55	Sequence 55, Appl
C 447	19.2	0.3	25	1	US-10-723-361-13908	Sequence 13908, A	521	18.6	0.2	26	1	US-10-145-493B-89	Sequence 89, Appl
C 448	19.2	0.3	25	1	US-10-723-361-13909	Sequence 13909, A	522	18.6	0.2	26	1	US-09-735-363A-68	Sequence 3, Appl
C 449	19.2	0.3	27	1	US-09-381-624A-8	Sequence 8, Appl	523	18.6	0.2	27	1	US-09-735-363A-68	Sequence 68, Appl
C 450	19.2	0.3	27	1	US-09-263-959-524	Sequence 524, App	524	18.6	0.2	27	1	US-10-085-906-78	Sequence 78, Appl
C 451	19.2	0.3	27	1	US-09-984-429-633	Sequence 633, App	525	18.6	0.2	27	1	US-09-005-243-33	Sequence 33, Appl
C 452	19.2	0.3	44	1	US-09-917-138-1	Sequence 1, Appl	526	18.4	0.2	20	1	US-09-005-243-34	Sequence 34, Appl
C 453	19	0.3	19	1	US-09-901-484A-515	Sequence 515, App	527	18.4	0.2	20	1	US-09-224-683-33	Sequence 33, Appl
C 454	19	0.3	19	1	US-09-853-526-515	Sequence 515, App	528	18.4	0.2	20	1	US-09-224-683-34	Sequence 34, Appl
C 455	19	0.3	19	1	US-09-970-971A-15	Sequence 15, App	C 529	18.4	0.2	20	1	US-09-925-410-4	Sequence 4, Appl
C 456	19	0.3	19	1	US-09-970-971A-16	Sequence 16, App	C 530	18.4	0.2	20	1	US-10-315-962-46	Sequence 46, App
C 457	19	0.3	19	1	US-10-123-597-4	Sequence 4, Appl	537	18.4	0.2	20	1	US-10-671-395-558	Sequence 558, App
C 458	19	0.3	19	1	US-10-123-597-5	Sequence 5, Appl	538	18.4	0.2	20	1	US-10-728-399-87	Sequence 87, Appl
C 459	19	0.3	19	1	US-10-123-597-6	Sequence 6, Appl	539	18.4	0.2	20	1	US-10-175-608-33	Sequence 33, Appl
C 460	19	0.3	19	1	US-10-123-597-7	Sequence 7, Appl	540	18.4	0.2	20	1	US-10-175-608-34	Sequence 34, Appl
C 461	19	0.3	19	1	US-10-123-597-8	Sequence 8, Appl	541	18.4	0.2	20	1	US-10-418-182-106	Sequence 106, App
C 462	19	0.3	19	1	US-10-123-597-9	Sequence 9, Appl	542	18.4	0.2	21	1	US-10-735-592-13	Sequence 13, Appl
C 463	19	0.3	19	1	US-10-123-597-10	Sequence 10, Appl	543	18.4	0.2	21	1	US-10-309-775A-21	Sequence 21, Appl
C 464	19	0.3	19	1	US-10-123-597-11	Sequence 11, Appl	544	18.4	0.2	24	1		
C 465	19	0.3	19	1	US-10-123-597-12	Sequence 12, Appl							
C 466	19	0.3	19	1	US-10-123-597-13	Sequence 13, Appl							
C 467	19	0.3	19	1	US-10-123-597-14	Sequence 14, Appl							
C 468	19	0.3	19	1	US-10-123-597-15	Sequence 15, Appl							
C 469	19	0.3	19	1	US-10-123-597-16	Sequence 16, Appl							
C 470	19	0.3	19	1	US-10-123-597-17	Sequence 17, Appl							
C 471	19	0.3	19	1	US-10-123-597-18	Sequence 18, Appl							

C 545	18.4	0.2	25	1	US-10-278-874-1	Sequence 1, Appli	618	18.2	0.2	24	1	US-10-143-029A-213	Sequence 213, App
546	18.4	0.2	25	1	US-10-164-915-5	Sequence 5, Appli	619	18.2	0.2	24	1	US-10-145-089A-213	Sequence 213, App
C 547	18.4	0.2	25	1	US-10-278-274-1	Sequence 1, Appli	620	18.2	0.2	24	1	US-10-165-067A-213	Sequence 213, App
C 548	18.4	0.2	33	1	US-09-263-959-825	Sequence 825, App	621	18.2	0.2	24	1	US-10-145-017A-213	Sequence 213, App
549	18.2	0.2	19	1	US-09-371-307-85	Sequence 85, Appli	622	18.2	0.2	24	1	US-10-164-128A-213	Sequence 213, App
550	18.2	0.2	19	1	US-10-176-884-44	Sequence 44, Appli	623	18.2	0.2	24	1	US-10-013-926A-213	Sequence 213, App
551	18.2	0.2	19	1	US-10-177-478-1	Sequence 1, Appli	624	18.2	0.2	24	1	US-10-165-247A-213	Sequence 213, App
552	18.2	0.2	19	1	US-10-182-230-196	Sequence 196, App	625	18.2	0.2	24	1	US-10-145-124A-213	Sequence 213, App
553	18.2	0.2	23	1	US-10-401-321-85	Sequence 85, Appli	626	18.2	0.2	24	1	US-10-160-502A-213	Sequence 213, App
C 554	18.2	0.2	23	1	US-09-814-777A-82	Sequence 82, Appli	627	18.2	0.2	24	1	US-10-017-086A-213	Sequence 213, App
555	18.2	0.2	24	1	US-09-978-295A-213	Sequence 213, App	628	18.2	0.2	24	1	US-10-164-829A-213	Sequence 213, App
556	18.2	0.2	24	1	US-09-978-697-213	Sequence 213, App	629	18.2	0.2	24	1	US-10-164-929A-213	Sequence 213, App
557	18.2	0.2	24	1	US-09-978-182A-213	Sequence 213, App	630	18.2	0.2	24	1	US-10-013-922A-213	Sequence 213, App
558	18.2	0.2	24	1	US-09-999-832A-213	Sequence 213, App	631	18.2	0.2	24	1	US-10-020-445A-213	Sequence 213, App
559	18.2	0.2	24	1	US-09-978-169-213	Sequence 213, App	632	18.2	0.2	24	1	US-10-013-924A-213	Sequence 213, App
560	18.2	0.2	24	1	US-09-978-608A-213	Sequence 213, App	633	18.2	0.2	24	1	US-10-017-084A-213	Sequence 213, App
561	18.2	0.2	24	1	US-09-978-585A-213	Sequence 213, App	634	18.2	0.2	24	1	US-10-017-085A-213	Sequence 213, App
562	18.2	0.2	24	1	US-09-978-191A-213	Sequence 213, App	635	18.2	0.2	24	1	US-10-013-916A-213	Sequence 213, App
563	18.2	0.2	24	1	US-09-978-403A-213	Sequence 213, App	636	18.2	0.2	24	1	US-10-143-026B-213	Sequence 213, App
564	18.2	0.2	24	1	US-09-978-564A-213	Sequence 213, App	637	18.2	0.2	24	1	US-10-013-918A-213	Sequence 213, App
565	18.2	0.2	24	1	US-09-999-833A-213	Sequence 213, App	638	18.2	0.2	24	1	US-10-162-922A-213	Sequence 213, App
566	18.2	0.2	24	1	US-09-981-915A-213	Sequence 213, App	639	18.2	0.2	24	1	US-10-162-922A-213	Sequence 213, App
567	18.2	0.2	24	1	US-09-978-824-213	Sequence 213, App	640	18.2	0.2	24	1	US-10-013-925A-213	Sequence 213, App
568	18.2	0.2	24	1	US-09-918-585A-213	Sequence 213, App	641	18.2	0.2	24	1	US-10-013-923A-213	Sequence 213, App
569	18.2	0.2	24	1	US-09-978-423A-213	Sequence 213, App	642	18.2	0.2	24	1	US-10-013-927A-213	Sequence 213, App
570	18.2	0.2	24	1	US-09-978-193A-213	Sequence 213, App	643	18.2	0.2	24	1	US-10-145-093A-213	Sequence 213, App
571	18.2	0.2	24	1	US-09-999-830A-213	Sequence 213, App	644	18.2	0.2	24	1	US-10-013-919A-213	Sequence 213, App
572	18.2	0.2	24	1	US-09-978-757A-213	Sequence 213, App	645	18.2	0.2	24	1	US-10-309-775A-26	Sequence 26, Appli
573	18.2	0.2	24	1	US-09-776-479-60	Sequence 60, Appli	646	18.2	0.2	24	1	US-10-309-775A-73	Sequence 73, Appli
574	18.2	0.2	24	1	US-09-978-187B-213	Sequence 213, App	647	18.2	0.2	24	1	US-10-013-920A-213	Sequence 213, App
575	18.2	0.2	24	1	US-09-978-194A-213	Sequence 213, App	648	18.2	0.2	25	1	US-09-866-108-13910	Sequence 13907, A
576	18.2	0.2	24	1	US-09-978-643A-213	Sequence 213, App	649	18.2	0.2	25	1	US-10-435-226-16	Sequence 16, Appli
577	18.2	0.2	24	1	US-09-978-375A-213	Sequence 213, App	650	18.2	0.2	25	1	US-10-717-597-991	Sequence 31, Appli
578	18.2	0.2	24	1	US-09-978-288A-213	Sequence 213, App	651	18.2	0.2	25	1	US-10-723-361-13907	Sequence 13907, A
579	18.2	0.2	24	1	US-09-978-188A-213	Sequence 213, App	652	18.2	0.2	25	1	US-10-723-361-13910	Sequence 13910, A
580	18.2	0.2	24	1	US-09-978-681A-213	Sequence 213, App	653	18.2	0.2	25	1	US-09-953-280-3	Sequence 3, Appli
581	18.2	0.2	24	1	US-09-978-194A-213	Sequence 213, App	654	18.2	0.2	27	1	US-09-962-543B-5	Sequence 5, Appli
582	18.2	0.2	24	1	US-09-999-829A-213	Sequence 213, App	655	18.2	0.2	27	1	US-09-348-354A-3	Sequence 3, Appli
583	18.2	0.2	24	1	US-09-978-259A-213	Sequence 213, App	656	18.2	0.2	27	1	US-10-040-949A-19	Sequence 19, Appli
584	18.2	0.2	24	1	US-09-978-544A-213	Sequence 213, App	657	18.2	0.2	27	1	US-10-783-510-21	Sequence 21, Appli
585	18.2	0.2	24	1	US-09-978-665A-213	Sequence 213, App	658	18.2	0.2	27	1	US-10-371-600-3	Sequence 3, Appli
586	18.2	0.2	24	1	US-09-978-802A-213	Sequence 213, App	659	18.2	0.2	32	1	US-10-371-600-4	Sequence 4, Appli
587	18.2	0.2	24	1	US-10-164-749A-213	Sequence 213, App	660	18.2	0.2	32	1	US-09-809-545A-84	Sequence 84, Appli
588	18.2	0.2	24	1	US-09-999-831A-213	Sequence 213, App	661	18.2	0.2	18	1	US-09-888-326-937	Sequence 83, App
589	18.2	0.2	24	1	US-10-013-917A-213	Sequence 213, App	662	18.2	0.2	18	1	US-09-994-311-6	Sequence 6, Appli
590	18.2	0.2	24	1	US-09-999-834A-213	Sequence 213, App	663	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
591	18.2	0.2	24	1	US-10-162-521A-213	Sequence 213, App	664	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
592	18.2	0.2	24	1	US-10-145-016A-213	Sequence 213, App	665	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
593	18.2	0.2	24	1	US-10-145-088A-213	Sequence 213, App	666	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
594	18.2	0.2	24	1	US-10-145-092A-213	Sequence 213, App	667	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
595	18.2	0.2	24	1	US-10-145-129A-213	Sequence 213, App	668	18.2	0.2	18	1	US-09-370-541-14	Sequence 14, Appli
596	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	669	18.2	0.2	18	1	US-09-979-275A-7	Sequence 7, Appli
597	18.2	0.2	24	1	US-10-165-353A-213	Sequence 213, App	670	18.2	0.2	18	1	US-10-389-417-97	Sequence 97, Appli
598	18.2	0.2	24	1	US-10-167-600-213	Sequence 213, App	671	18.2	0.2	18	1	US-10-292-088-144	Sequence 144, App
599	18.2	0.2	24	1	US-10-170-481A-213	Sequence 213, App	672	18.2	0.2	18	1	US-10-314-578-913	Sequence 913, App
600	18.2	0.2	24	1	US-10-172-039A-213	Sequence 213, App	673	18.2	0.2	18	1	US-10-314-578-913	Sequence 913, App
601	18.2	0.2	24	1	US-10-210-028-213	Sequence 213, App	674	18.2	0.2	18	1	US-10-125-295-9	Sequence 9, Appli
602	18.2	0.2	24	1	US-10-314-578-60	Sequence 60, Appli	675	18.2	0.2	18	1	US-10-208-357-24	Sequence 24, Appli
603	18.2	0.2	24	1	US-10-017-081A-213	Sequence 213, App	676	18.2	0.2	18	1	US-10-112-653-882	Sequence 882, App
604	18.2	0.2	24	1	US-10-112-653-54	Sequence 54, Appli	677	18.2	0.2	18	1	US-10-017-995-913	Sequence 913, App
605	18.2	0.2	24	1	US-10-017-995-60	Sequence 60, Appli	678	18.2	0.2	18	1	US-10-017-995-913	Sequence 913, App
606	18.2	0.2	24	1	US-10-167-749-213	Sequence 213, App	679	18.2	0.2	18	1	US-10-206-613-4	Sequence 4, Appli
607	18.2	0.2	24	1	US-10-013-921A-213	Sequence 213, App	680	18.2	0.2	18	1	US-10-056-479A-15	Sequence 15, Appli
608	18.2	0.2	24	1	US-10-013-929A-213	Sequence 213, App	681	18.2	0.2	18	1	US-10-352-704-12	Sequence 12, Appli
609	18.2	0.2	24	1	US-10-016-177A-213	Sequence 213, App	682	18.2	0.2	18	1	US-10-352-704-18	Sequence 18, Appli
610	18.2	0.2	24	1	US-10-166-709A-213	Sequence 213, App	683	18.2	0.2	18	1	US-10-075-335-9	Sequence 9, Appli
611	18.2	0.2	24	1	US-10-143-031A-213	Sequence 213, App	684	18.2	0.2	18	1	US-10-389-135-97	Sequence 97, Appli
612	18.2	0.2	24	1	US-10-143-030A-213	Sequence 213, App	685	18.2	0.2	18	1	US-10-271-602B-84	Sequence 84, Appli
613	18.2	0.2	24	1	US-10-002-967A-213	Sequence 213, App	686	18.2	0.2	18	1	US-10-334-143-104	Sequence 204, App
614	18.2	0.2	24	1	US-10-017-083A-213	Sequence 213, App	687	18.2	0.2	18	1	US-10-321-039-541	Sequence 541, App
615	18.2	0.2	24	1	US-10-145-128A-213	Sequence 213, App	688	18.2	0.2	18	1	US-10-653-416-26	Sequence 26, Appli
616	18.2	0.2	24	1	US-10-017-191A-213	Sequence 213, App	689	18.2	0.2	18	1	US-10-785-744-15	Sequence 15, Appli
617	18.2	0.2	24	1	US-10-143-028A-213	Sequence 213, App	690	18.2	0.2	18	1		

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694	18	0.2	18	1	US-09-917-138-2	Sequence 2, Appl
695	18	0.2	19	1	US-09-996-292A-54	Sequence 54, Appl
696	18	0.2	19	1	US-09-996-292A-55	Sequence 55, Appl
697	18	0.2	19	1	US-10-096-221-3	Sequence 3, Appl
698	18	0.2	19	1	US-10-100-321-22	Sequence 22, Appl
699	18	0.2	19	1	US-10-013-295-54	Sequence 54, Appl
700	18	0.2	19	1	US-10-013-295-55	Sequence 55, Appl
701	18	0.2	26	1	US-09-444-388-1	Sequence 1, Appl
702	18	0.2	27	1	US-09-263-689-50	Sequence 50, Appl
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704	18	0.2	27	1	US-10-235-674-50	Sequence 50, Appl
705	18	0.2	27	1	US-10-295-682-13	Sequence 13, Appl
706	18	0.2	27	1	US-10-418-182-175	Sequence 15, App
707	18	0.2	27	1	US-10-418-182-414	Sequence 414, App
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711	17.8	0.2	22	1	US-09-776-479-61	Sequence 61, Appl
712	17.8	0.2	22	1	US-10-314-578-61	Sequence 61, Appl
713	17.8	0.2	22	1	US-10-112-653-55	Sequence 55, Appl
714	17.8	0.2	22	1	US-10-017-595-61	Sequence 61, Appl
715	17.8	0.2	22	1	US-10-106-749-3	Sequence 3, Appl
716	17.8	0.2	22	1	US-10-429-555-15	Sequence 15, Appl
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721	17.8	0.2	25	1	US-10-314-578-943	Sequence 943, App
722	17.8	0.2	25	1	US-10-112-653-911	Sequence 911, App
723	17.8	0.2	25	1	US-10-017-995-943	Sequence 943, App
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725	17.8	0.2	25	1	US-10-723-361-13911	Sequence 13911, A
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729	17.6	0.2	24	1	US-10-655-751-36	Sequence 36, Appl
730	17.6	0.2	25	1	US-09-838-386-22	Sequence 22, Appl
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733	17.6	0.2	25	1	US-10-098-263B-124486	Sequence 124486, A
734	17.6	0.2	25	1	US-10-098-263B-130464	Sequence 130464, A
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738	17.6	0.2	25	1	US-10-775-169-2736	Sequence 2736, Ap
739	17.6	0.2	25	1	US-10-775-169-4680	Sequence 4680, Ap
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755	17.2	0.2	22	1	US-10-629-951-7	Sequence 7, Appl
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757	17.2	0.2	23	1	US-10-177-308-24	Sequence 24, Appl
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766	17.2	0.2	25	1	US-10-098-263B-7610	Sequence 7610, Ap
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776	17.2	0.2	25	1	US-10-060-998-2199	Sequence 2199, App
777	17.2	0.2	25	1	US-10-060-998-2200	Sequence 2200, App
778	17.2	0.2	25	1	US-10-060-998-2201	Sequence 2201, App
779	17.2	0.2	25	1	US-10-438-729-165	Sequence 165, App
780	17.2	0.2	25	1	US-10-435-696-231	Sequence 231, App
781	17.2	0.2	25	1	US-10-717-597-4525	Sequence 4525, App
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789	17.2	0.2	30	1	US-09-843-676-1132	Sequence 132, App
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795	17	0.2	17	1	US-10-117-267-5	Sequence 5, Appl
796	17	0.2	17	1	US-10-054-611-132	Sequence 132, App
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798	17	0.2	17	1	US-10-138-674-1074	Sequence 1074, App
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803	17	0.2	17	1	US-10-735-592-49	Sequence 49, Appl
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805	17	0.2	18	1	US-10-289-762-3717	Sequence 3717, App
806	17	0.2	20	1	US-09-813-289-21	Sequence 21, Appl
807	17	0.2	23	1	US-10-655-579-50	Sequence 50, Appl
808	17	0.2	23	1	US-09-866-108-5298	Sequence 5298, App
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815	17	0.2	25	1	US-10-098-263B-6431	Sequence 2931, App
816	17	0.2	25	1	US-10-098-263B-115523	Sequence 6431, App
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826	17	0.2	25	1	US-10-621-758A-50	Sequence 50, Appl
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828	17	0.2	25	1	US-10-663-208A-50	Sequence 50, Appl
829	17	0.2	25	1	US-10-646-301A-50	Sequence 50, Appl
830	17	0.2	25	1	US-10-723-361-5298	Sequence 5298, App
831	17	0.2	25	1	US-10-723-361-5299	Sequence 5299, App
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833	17	0.2	25	1	US-10-723-361-12697	Sequence 12697, A
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835	17	0.2	25	1		
836	17	0.2	25	1		

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C 839	17	0.2	25	1	US-10-775-169-3060	Sequence 3060, Ap	C 912	16.6	0.2	25	1	US-09-866-108-4409	Sequence 4409, Ap
C 840	17	0.2	25	1	US-10-775-169-4185	Sequence 4185, Ap	C 913	16.6	0.2	25	1	US-09-866-108-4410	Sequence 4410, Ap
C 841	17	0.2	26	1	US-09-935-247-10	Sequence 10, Appl	C 914	16.6	0.2	25	1	US-09-866-108-4411	Sequence 4411, Ap
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C 843	17	0.2	26	1	US-09-563-728A-3	Sequence 3, Appl	C 916	16.6	0.2	25	1	US-09-866-108-4413	Sequence 4413, Ap
C 844	17	0.2	26	1	US-09-563-728A-11	Sequence 11, Appl	C 917	16.6	0.2	25	1	US-09-866-108-4414	Sequence 4414, Ap
C 845	17	0.2	26	1	US-09-563-728A-12	Sequence 12, Appl	C 918	16.6	0.2	25	1	US-09-866-108-4415	Sequence 4415, Ap
C 846	17	0.2	26	1	US-10-085-906-3	Sequence 3, Appl	C 919	16.6	0.2	25	1	US-10-060-756A-3679	Sequence 3679, Ap
C 847	17	0.2	26	1	US-10-085-906-14	Sequence 14, Appl	C 920	16.6	0.2	25	1	US-10-060-756A-3680	Sequence 3680, Ap
C 848	17	0.2	26	1	US-10-145-493B-82	Sequence 82, Appl	C 921	16.6	0.2	25	1	US-10-060-756A-3681	Sequence 3681, Ap
C 849	17	0.2	26	1	US-10-145-493B-83	Sequence 83, Appl	C 922	16.6	0.2	25	1	US-10-215-112-13497	Sequence 13497, A
C 850	17	0.2	26	1	US-10-353-461-12	Sequence 12, Appl	C 923	16.6	0.2	25	1	US-10-098-263B-12062	Sequence 12062, A
C 851	17	0.2	30	1	US-09-891-517-12	Sequence 10, Appl	C 924	16.6	0.2	25	1	US-10-098-263B-38942	Sequence 38942, A
C 852	17	0.2	30	1	US-09-891-517-11	Sequence 12, Appl	C 925	16.6	0.2	25	1	US-10-098-263B-41771	Sequence 41771, A
C 853	17	0.2	30	1	US-10-683-386-10	Sequence 10, Appl	C 926	16.6	0.2	25	1	US-10-098-263B-43190	Sequence 43190, A
C 854	17	0.2	30	1	US-10-683-386-12	Sequence 12, Appl	C 927	16.6	0.2	25	1	US-10-098-263B-44071	Sequence 44071, A
C 855	17	0.2	30	1	US-10-209-608-10	Sequence 10, Appl	C 928	16.6	0.2	25	1	US-10-098-263B-50707	Sequence 50707, A
C 856	17	0.2	30	1	US-10-209-608-12	Sequence 12, Appl	C 929	16.6	0.2	25	1	US-10-098-263B-65555	Sequence 65555, A
C 857	17	0.2	30	1	US-10-219-195-34	Sequence 34, Appl	C 930	16.6	0.2	25	1	US-10-098-263B-68759	Sequence 68759, A
C 858	16.8	0.2	20	1	US-09-861-893-15	Sequence 15, Appl	C 931	16.6	0.2	25	1	US-10-098-263B-70479	Sequence 70479, A
C 859	16.8	0.2	20	1	US-09-263-959-849	Sequence 849, Appl	C 932	16.6	0.2	25	1	US-10-098-263B-80455	Sequence 80455, A
C 860	16.8	0.2	20	1	US-09-948-002-35	Sequence 35, Appl	C 933	16.6	0.2	25	1	US-10-098-263B-83509	Sequence 83509, A
C 861	16.8	0.2	20	1	US-09-967-663-61	Sequence 61, Appl	C 934	16.6	0.2	25	1	US-10-098-263B-85456	Sequence 85456, A
C 862	16.8	0.2	20	1	US-10-633-163-35	Sequence 35, Appl	C 935	16.6	0.2	25	1	US-10-098-263B-92448	Sequence 92448, A
C 863	16.8	0.2	20	1	US-10-032-585-4518	Sequence 4518, Ap	C 936	16.6	0.2	25	1	US-10-098-263B-10795	Sequence 10795, A
C 864	16.8	0.2	20	1	US-10-104-047-4082	Sequence 4082, Ap	C 937	16.6	0.2	25	1	US-10-098-263B-12099	Sequence 12099, A
C 865	16.8	0.2	20	1	US-10-688-706-1916	Sequence 1916, Ap	C 938	16.6	0.2	25	1	US-10-358-619-10	Sequence 619-10, A
C 866	16.8	0.2	20	1	US-10-688-706-2451	Sequence 2451, Ap	C 939	16.6	0.2	25	1	US-10-061-201-3337	Sequence 3337, Ap
C 867	16.8	0.2	21	1	US-09-912-609-122	Sequence 122, Appl	C 940	16.6	0.2	25	1	US-10-061-201-3338	Sequence 3338, Ap
C 868	16.8	0.2	21	1	US-09-912-609-112	Sequence 132, Appl	C 941	16.6	0.2	25	1	US-10-061-201-3339	Sequence 3339, Ap
C 869	16.8	0.2	22	1	US-09-952-464A-10	Sequence 30, Appl	C 942	16.6	0.2	25	1	US-10-717-597-765	Sequence 765, Appl
C 870	16.8	0.2	23	1	US-09-898-200-17	Sequence 17, Appl	C 943	16.6	0.2	25	1	US-10-717-597-765	Sequence 765, Appl
C 871	16.8	0.2	23	1	US-10-030-132-7	Sequence 7, Appl	C 944	16.6	0.2	25	1	US-10-717-597-765	Sequence 765, Appl
C 872	16.8	0.2	24	1	US-10-309-775A-10	Sequence 10, Appl	C 945	16.6	0.2	25	1	US-10-723-361-3233	Sequence 3233, Ap
C 873	16.8	0.2	25	1	US-10-309-775A-22	Sequence 22, Appl	C 946	16.6	0.2	25	1	US-10-723-361-3234	Sequence 3234, Ap
C 874	16.8	0.2	25	1	US-09-866-108-13913	Sequence 13913, A	C 947	16.6	0.2	25	1	US-10-723-361-3235	Sequence 3235, Ap
C 875	16.8	0.2	25	1	US-09-839-894-23	Sequence 23, Appl	C 948	16.6	0.2	25	1	US-10-723-361-4407	Sequence 4407, Ap
C 876	16.8	0.2	25	1	US-10-176-055-8	Sequence 8, Appl	C 949	16.6	0.2	25	1	US-10-723-361-4408	Sequence 4408, Ap
C 877	16.8	0.2	25	1	US-10-215-112-5023	Sequence 5023, Ap	C 950	16.6	0.2	25	1	US-10-723-361-4409	Sequence 4409, Ap
C 878	16.8	0.2	25	1	US-10-215-112-5145	Sequence 5145, Ap	C 951	16.6	0.2	25	1	US-10-723-361-5201	Sequence 5201, Ap
C 879	16.8	0.2	25	1	US-10-098-263B-19403	Sequence 19403, A	C 952	16.6	0.2	25	1	US-10-723-361-5202	Sequence 5202, Ap
C 880	16.8	0.2	25	1	US-10-098-263B-24334	Sequence 24334, A	C 953	16.6	0.2	25	1	US-10-723-361-5203	Sequence 5203, Ap
C 881	16.8	0.2	25	1	US-10-098-263B-46324	Sequence 46324, A	C 954	16.6	0.2	25	1	US-10-723-361-12694	Sequence 12694, A
C 882	16.8	0.2	25	1	US-10-098-263B-49701	Sequence 49701, A	C 955	16.6	0.2	25	1	US-10-723-361-12695	Sequence 12695, A
C 883	16.8	0.2	25	1	US-10-098-263B-58341	Sequence 58341, A	C 956	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Appl
C 884	16.8	0.2	25	1	US-10-098-263B-108052	Sequence 108052, A	C 957	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Appl
C 885	16.8	0.2	25	1	US-10-374-686-1	Sequence 1, Appl	C 958	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Appl
C 886	16.8	0.2	25	1	US-10-374-686-6	Sequence 6, Appl	C 959	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Appl
C 887	16.8	0.2	25	1	US-10-717-597-1361	Sequence 1361, Ap	C 960	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Appl
C 888	16.8	0.2	25	1	US-10-723-361-13913	Sequence 13913, A	C 961	16.6	0.2	30	1	US-10-176-055-10	Sequence 10, Appl
C 889	16.8	0.2	25	1	US-10-723-361-13913	Sequence 13913, A	C 962	16.6	0.2	30	1	US-10-176-055-10	Sequence 10, Appl
C 890	16.8	0.2	25	1	US-10-723-361-13913	Sequence 13913, A	C 963	16.6	0.2	30	1	US-10-176-055-10	Sequence 10, Appl
C 891	16.8	0.2	30	1	US-09-880-727-10	Sequence 10, Appl	C 964	16.6	0.2	18	1	US-09-866-108-12694	Sequence 12694, A
C 892	16.8	0.2	30	1	US-10-314-578-1094	Sequence 1094, Ap	C 965	16.6	0.2	18	1	US-10-333-461-18	Sequence 461-18, A
C 893	16.8	0.2	30	1	US-10-314-578-1095	Sequence 1095, Ap	C 966	16.6	0.2	18	1	US-10-333-461-18	Sequence 461-18, A
C 894	16.8	0.2	30	1	US-10-042-193A-1	Sequence 1, Appl	C 967	16.6	0.2	18	1	US-10-333-461-18	Sequence 461-18, A
C 895	16.8	0.2	30	1	US-10-042-193A-2	Sequence 2, Appl	C 968	16.6	0.2	18	1	US-10-333-461-18	Sequence 461-18, A
C 896	16.8	0.2	30	1	US-10-380-584-115	Sequence 115, Appl	C 969	16.6	0.2	18	1	US-10-333-461-18	Sequence 461-18, A
C 897	16.8	0.2	30	1	US-10-472-055-2	Sequence 2, Appl	C 970	16.6	0.2	18	1	US-10-333-461-18	Sequence 461-18, A
C 898	16.8	0.2	32	1	US-10-371-600-9	Sequence 9, Appl	C 971	16.6	0.2	19	1	US-10-333-461-18	Sequence 461-18, A
C 899	16.8	0.2	32	1	US-10-371-600-9	Sequence 9, Appl	C 972	16.6	0.2	19	1	US-10-333-461-18	Sequence 461-18, A
C 900	16.8	0.2	36	1	US-10-418-182-55	Sequence 10, Appl	C 973	16.6	0.2	20	1	US-10-333-461-18	Sequence 461-18, A
C 901	16.6	0.2	23	1	US-09-949-427-93	Sequence 93, Appl	C 974	16.6	0.2	20	1	US-10-333-461-18	Sequence 461-18, A
C 902	16.6	0.2	23	1	US-09-949-427-93	Sequence 93, Appl	C 975	16.6	0.2	20	1	US-10-333-461-18	Sequence 461-18, A
C 903	16.6	0.2	24	1	US-10-100-082-5	Sequence 5, Appl	C 976	16.6	0.2	20	1	US-10-333-461-18	Sequence 461-18, A
C 904	16.6	0.2	24	1	US-10-309-775A-4	Sequence 4, Appl	C 977	16.6	0.2	21	1	US-10-333-461-18	Sequence 461-18, A
C 905	16.6	0.2	24	1	US-10-670-015-1	Sequence 1, Appl	C 978	16.6	0.2	21	1	US-10-333-461-18	Sequence 461-18, A
C 906	16.6	0.2	24	1	US-10-670-015-1	Sequence 1, Appl	C 979	16.6	0.2	22	1	US-10-099-332-209	Sequence 209, Appl
C 907	16.6	0.2	25	1	US-09-866-108-3233	Sequence 3233, Ap	C 980	16.6	0.2	22	1	US-10-044-564-209	Sequence 564-209, A
C 908	16.6	0.2	25	1	US-09-866-108-3234	Sequence 3234, Ap	C 981	16.6	0.2	22	1	US-10-679-064-37	Sequence 679-064-37, A
C 909	16.6	0.2	25	1	US-09-866-108-3235	Sequence 3235, Ap	C 982	16.6	0.2	23	1	US-10-027-632-52619	Sequence 632-52619, A

C 983	16.4	0.2	23	1	US-10-027-632-52619	Sequence 52619, A	1056	16	0.2	16	1	US-10-227-001-21	Sequence 21, Appl
C 984	16.4	0.2	23	1	US-10-027-632-52637	Sequence 52637, A	1057	16	0.2	16	1	US-10-008-029-70	Sequence 70, Appl
C 985	16.4	0.2	23	1	US-10-027-632-52637	Sequence 52637, A	1058	16	0.2	16	1	US-10-051-436-9	Sequence 9, Appl
C 986	16.4	0.2	23	1	US-10-027-632-52655	Sequence 52655, A	1059	16	0.2	16	1	US-10-208-650-70	Sequence 70, Appl
C 987	16.4	0.2	23	1	US-10-027-632-52655	Sequence 52655, A	1060	16	0.2	16	1	US-10-303-780-9	Sequence 9, Appl
C 988	16.4	0.2	24	1	US-10-175-225-74	Sequence 74, Appl	1061	16	0.2	16	1	US-10-360-275-9	Sequence 9, Appl
C 989	16.4	0.2	24	1	US-10-085-167-5	Sequence 5, Appl	1062	16	0.2	16	1	US-10-776-099-9	Sequence 9, Appl
C 990	16.4	0.2	25	1	US-10-098-263B-99111	Sequence 99111, A	1063	16	0.2	16	1	US-10-398-483-10	Sequence 10, Appl
C 991	16.4	0.2	25	1	US-10-215-432-23	Sequence 22, Appl	1064	16	0.2	16	1	US-09-788-365-3	Sequence 3, Appl
C 992	16.4	0.2	39	1	US-10-219-195-38	Sequence 38, Appl	1065	16	0.2	16	1	US-09-090-637B-106	Sequence 106, App
C 993	16.2	0.2	18	1	US-09-981-397A-1	Sequence 1, Appl	1066	16	0.2	16	1	US-09-788-338-3	Sequence 3, Appl
C 994	16.2	0.2	19	1	US-10-103-614A-4	Sequence 4, Appl	1067	16	0.2	16	1	US-09-730-559B-108	Sequence 108, App
C 995	16.2	0.2	21	1	US-09-140-719-20	Sequence 20, Appl	1068	16	0.2	16	1	US-10-380-254-5	Sequence 5, Appl
C 996	16.2	0.2	21	1	US-09-828-034-10	Sequence 10, Appl	1069	16	0.2	16	1	US-10-398-885A-4	Sequence 20, Appl
C 997	16.2	0.2	21	1	US-09-920-552-118	Sequence 18, App	1070	16	0.2	16	1	US-10-398-877-20	Sequence 20, Appl
C 998	16.2	0.2	21	1	US-10-091-442-20	Sequence 20, Appl	1071	16	0.2	16	1	US-10-291-808-64	Sequence 64, Appl
C 999	16.2	0.2	21	1	US-10-303-109A-31	Sequence 31, Appl	1072	16	0.2	16	1	US-10-333-461-24	Sequence 24, Appl
C1000	16.2	0.2	21	1	US-10-418-182-97	Sequence 97, Appl	1073	16	0.2	16	1	US-10-352-253A-24	Sequence 24, Appl
C1001	16.2	0.2	21	1	US-10-418-182-122	Sequence 122, App	1074	16	0.2	16	1	US-10-220-373-9	Sequence 9, Appl
C1002	16.2	0.2	21	1	US-10-418-182-305	Sequence 305, App	1075	16	0.2	16	1	US-10-352-255A-24	Sequence 24, Appl
C1003	16.2	0.2	21	1	US-10-349-143-11535	Sequence 11535, A	1076	16	0.2	16	1	US-10-380-255-8	Sequence 8, Appl
C1004	16.2	0.2	22	1	US-09-828-366-22	Sequence 22, Appl	1077	16	0.2	16	1	US-10-138-674-1072	Sequence 1072, Ap
C1005	16.2	0.2	22	1	US-09-263-959-808	Sequence 808, App	1078	16	0.2	16	1	US-10-138-674-1075	Sequence 1075, Ap
C1006	16.2	0.2	22	1	US-10-222-945-4	Sequence 4, Appl	1079	16	0.2	16	1	US-10-287-949A-1072	Sequence 1072, Ap
C1007	16.2	0.2	22	1	US-10-391-249-31	Sequence 31, Appl	1080	16	0.2	16	1	US-10-287-949A-1075	Sequence 1075, Ap
C1008	16.2	0.2	22	1	US-10-723-940-43	Sequence 43, Appl	1081	16	0.2	16	1	US-10-239-734-5	Sequence 5, Appl
C1009	16.2	0.2	24	1	US-09-824-468-61	Sequence 61, Appl	1082	16	0.2	16	1	US-10-735-592-55	Sequence 55, Appl
C1010	16.2	0.2	24	1	US-09-855-797A-48	Sequence 48, Appl	1083	16	0.2	16	1	US-09-994-311-7	Sequence 7, Appl
C1011	16.2	0.2	24	1	US-09-800-266A-52	Sequence 52, Appl	C1084	16	0.2	16	1	US-10-349-143-4670	Sequence 4670, Ap
C1012	16.2	0.2	24	1	US-09-895-007A-52	Sequence 52, Appl	C1085	16	0.2	16	1	US-10-352-179-50	Sequence 50, Appl
C1013	16.2	0.2	24	1	US-09-907-900-48	Sequence 48, Appl	1086	16	0.2	16	1	US-10-275-080A-5	Sequence 5, Appl
C1014	16.2	0.2	24	1	US-09-907-719-48	Sequence 48, Appl	1087	16	0.2	16	1	US-10-275-080A-6	Sequence 6, Appl
C1015	16.2	0.2	24	1	US-09-920-313-52	Sequence 52, Appl	1088	16	0.2	16	1	US-10-289-762-4311	Sequence 4311, Ap
C1016	16.2	0.2	24	1	US-09-888-326-35	Sequence 35, Appl	1089	16	0.2	16	1	US-10-688-706-2066	Sequence 2066, Ap
C1017	16.2	0.2	24	1	US-09-776-479-19	Sequence 19, Appl	1090	16	0.2	16	1	US-10-688-706-2110	Sequence 2110, Ap
C1018	16.2	0.2	24	1	US-09-776-479-19	Sequence 19, Appl	1091	16	0.2	16	1	US-10-688-706-2269	Sequence 2269, Ap
C1019	16.2	0.2	24	1	US-09-940-185-631	Sequence 631, App	1092	16	0.2	16	1	US-10-688-706-2467	Sequence 2467, Ap
C1020	16.2	0.2	24	1	US-09-954-987B-23	Sequence 23, Appl	1093	16	0.2	24	1	US-10-332-406A-9	Sequence 9, Appl
C1021	16.2	0.2	24	1	US-09-985-448-48	Sequence 48, Appl	C1094	16	0.2	24	1	US-09-784-423-92	Sequence 92, Appl
C1022	16.2	0.2	24	1	US-10-373-381-48	Sequence 48, Appl	C1095	16	0.2	24	1	US-09-828-034-12	Sequence 12, Appl
C1023	16.2	0.2	24	1	US-10-680-316-48	Sequence 48, Appl	1096	16	0.2	24	1	US-09-999-672-6	Sequence 6, Appl
C1024	16.2	0.2	24	1	US-10-314-578-19	Sequence 19, Appl	C1097	16	0.2	24	1	US-10-040-806-6	Sequence 104, App
C1025	16.2	0.2	24	1	US-10-434-596-52	Sequence 52, Appl	1098	16	0.2	24	1	US-10-085-906-382	Sequence 382, App
C1026	16.2	0.2	24	1	US-10-023-909A-52	Sequence 52, Appl	1099	16	0.2	24	1	US-10-205-522-82	Sequence 82, Appl
C1027	16.2	0.2	24	1	US-10-112-653-19	Sequence 19, Appl	C1100	16	0.2	24	1	US-10-205-522-82	Sequence 82, Appl
C1028	16.2	0.2	24	1	US-10-017-995-19	Sequence 19, Appl	C1101	16	0.2	24	1	US-10-057-834A-41	Sequence 41, Appl
C1029	16.2	0.2	24	1	US-10-300-247-52	Sequence 52, Appl	C1102	16	0.2	24	1	US-10-084-833-353	Sequence 353, Ap
C1030	16.2	0.2	24	1	US-10-161-229-55	Sequence 55, Appl	1103	16	0.2	24	1	US-10-309-775A-23	Sequence 23, Appl
C1031	16.2	0.2	24	1	US-10-187-264A-61	Sequence 61, Appl	1104	16	0.2	24	1	US-10-309-775A-24	Sequence 24, Appl
C1032	16.2	0.2	24	1	US-10-265-072-40	Sequence 40, Appl	1105	16	0.2	24	1	US-10-665-460A-30	Sequence 30, Appl
C1033	16.2	0.2	24	1	US-10-300-892-48	Sequence 48, Appl	1106	16	0.2	28	1	US-09-883-119A-34	Sequence 34, Appl
C1034	16.2	0.2	24	1	US-10-306-522-61	Sequence 61, Appl	1107	16	0.2	32	1	US-10-447-073-3	Sequence 3, Appl
C1035	16.2	0.2	24	1	US-10-309-775A-25	Sequence 25, Appl	C1108	15.8	0.2	19	1	US-10-349-143-5276	Sequence 5276, Ap
C1036	16.2	0.2	24	1	US-10-719-493-61	Sequence 61, Appl	1109	15.8	0.2	19	1	US-10-665-951-122	Sequence 122, App
C1037	16.2	0.2	24	1	US-10-627-331-61	Sequence 61, Appl	C1110	15.8	0.2	19	1	US-10-665-951-549	Sequence 549, App
C1038	16.2	0.2	24	1	US-10-666-733-52	Sequence 52, Appl	1111	15.8	0.2	20	1	US-09-969-852-11	Sequence 11, Appl
C1039	16.2	0.2	24	1	US-10-815-730-48	Sequence 48, Appl	C1112	15.8	0.2	20	1	US-09-955-410-5	Sequence 5, Appl
C1040	16.2	0.2	24	1	US-10-820-133-48	Sequence 48, Appl	1113	15.8	0.2	20	1	US-09-774-809-14	Sequence 14, Appl
C1041	16.2	0.2	31	1	US-09-971-353-24	Sequence 24, Appl	1114	15.8	0.2	20	1	US-09-904-968A-108	Sequence 108, App
C1042	16.2	0.2	31	1	US-09-984-429-652	Sequence 652, App	1115	15.8	0.2	20	1	US-09-888-326-410	Sequence 410, App
C1043	16.2	0.2	39	1	US-09-984-429-652	Sequence 2, Appl	1116	15.8	0.2	20	1	US-09-776-479-243	Sequence 243, App
C1044	16.2	0.2	16	1	US-09-152-059-70	Sequence 70, Appl	1117	15.8	0.2	20	1	US-09-776-479-243	Sequence 243, App
C1045	16.2	0.2	16	1	US-09-263-959-449	Sequence 449, App	1118	15.8	0.2	20	1	US-09-965-101-57	Sequence 57, App
C1046	16.2	0.2	16	1	US-09-805-286D-9	Sequence 9, Appl	1119	15.8	0.2	20	1	US-10-345-444B-14	Sequence 14, Appl
C1047	16.2	0.2	16	1	US-09-843-676-131	Sequence 131, App	C1120	15.8	0.2	20	1	US-10-380-126-39	Sequence 39, Appl
C1048	16.2	0.2	16	1	US-09-766-253-131	Sequence 131, App	1121	15.8	0.2	20	1	US-10-312-184A-21	Sequence 21, Appl
C1049	16.2	0.2	16	1	US-09-438-486-131	Sequence 9, Appl	1122	15.8	0.2	20	1	US-10-275-080A-7	Sequence 7, Appl
C1050	16.2	0.2	16	1	US-09-895-585-9	Sequence 9, Appl	C1123	15.8	0.2	20	1	US-10-683-386-35	Sequence 35, Appl
C1051	16.2	0.2	16	1	US-10-208-357-22	Sequence 22, Appl	1124	15.8	0.2	20	1	US-10-105-021-3	Sequence 3, Appl
C1052	16.2	0.2	16	1	US-10-053-758-131	Sequence 131, App	1125	15.8	0.2	20	1	US-10-314-578-243	Sequence 243, App
C1053	16.2	0.2	16	1	US-10-054-295-131	Sequence 131, App	C1126	15.8	0.2	20	1	US-10-040-430-59	Sequence 59, App
C1054	16.2	0.2	16	1	US-10-054-611-131	Sequence 131, App	1127	15.8	0.2	20	1	US-10-112-653-235	Sequence 235, App
C1055	16.2	0.2	16	1	US-10-072-975-9	Sequence 9, Appl	1128	15.8	0.2	20	1	US-10-017-995-243	Sequence 243, App

c1129	15.8	0.2	20	1	US-10-209-608-35	Sequence 35, App1	c1202	15.8	0.2	21	1	US-10-015-715A-105	Sequence 105, App
c1130	15.8	0.2	20	1	US-10-083-246A-121	Sequence 121, App	c1203	15.8	0.2	21	1	US-10-012-237A-105	Sequence 105, App
c1131	15.8	0.2	20	1	US-10-154-890-5	Sequence 5, App1	c1204	15.8	0.2	21	1	US-10-013-906A-105	Sequence 105, App
c1132	15.8	0.2	20	1	US-10-032-585-4081	Sequence 4081, App	c1205	15.8	0.2	21	1	US-10-015-388A-105	Sequence 105, App
c1133	15.8	0.2	20	1	US-10-168-989-35	Sequence 35, App1	c1206	15.8	0.2	21	1	US-10-012-753A-105	Sequence 105, App
c1134	15.8	0.2	20	1	US-10-168-989-36	Sequence 36, App1	c1207	15.8	0.2	21	1	US-10-015-385A-105	Sequence 105, App
c1135	15.8	0.2	20	1	US-10-168-989-36	Sequence 36, App1	c1208	15.8	0.2	21	1	US-10-007-236A-105	Sequence 105, App
c1136	15.8	0.2	20	1	US-10-168-989-36	Sequence 36, App1	c1209	15.8	0.2	21	1	US-10-015-389A-105	Sequence 105, App
c1137	15.8	0.2	20	1	US-10-359-214-99	Sequence 99, App1	c1210	15.8	0.2	21	1	US-10-015-519A-105	Sequence 105, App
c1138	15.8	0.2	20	1	US-10-274-387-13	Sequence 13, App1	c1211	15.8	0.2	21	1	US-10-013-915A-105	Sequence 105, App
c1139	15.8	0.2	20	1	US-10-274-387-13	Sequence 13, App1	c1212	15.8	0.2	21	1	US-10-015-390A-105	Sequence 105, App
c1140	15.8	0.2	20	1	US-10-303-165-60	Sequence 60, App1	c1213	15.8	0.2	21	1	US-10-006-746A-105	Sequence 105, App
c1141	15.8	0.2	20	1	US-10-688-706-2293	Sequence 2293, App	c1214	15.8	0.2	21	1	US-10-349-143-7623	Sequence 7623, App
c1142	15.8	0.2	20	1	US-10-316-243-94	Sequence 94, App1	c1215	15.8	0.2	21	1	US-10-349-143-9563	Sequence 9563, App
c1143	15.8	0.2	20	1	US-10-316-243-165	Sequence 165, App1	c1216	15.8	0.2	21	1	US-10-349-143-10315	Sequence 10315, App
c1144	15.8	0.2	20	1	US-10-316-755-19	Sequence 19, App1	c1217	15.8	0.2	21	1	US-10-349-143-10315	Sequence 10315, App
c1145	15.8	0.2	20	1	US-10-316-755-19	Sequence 19, App1	c1218	15.8	0.2	21	1	US-10-011-795A-105	Sequence 105, App
c1146	15.8	0.2	20	1	US-10-679-064-24	Sequence 24, App1	c1219	15.8	0.2	21	1	US-10-012-231A-105	Sequence 105, App
c1147	15.8	0.2	21	1	US-09-946-374-105	Sequence 105, App	c1220	15.8	0.2	21	1	US-10-647-566-6	Sequence 6, App1
c1148	15.8	0.2	21	1	US-10-015-395A-105	Sequence 105, App	c1221	15.8	0.2	21	1	US-10-470-700A-36	Sequence 36, App1
c1149	15.8	0.2	21	1	US-10-006-485A-105	Sequence 105, App	c1222	15.8	0.2	21	1	US-08-731-499-35	Sequence 35, App1
c1150	15.8	0.2	21	1	US-10-013-907A-105	Sequence 105, App	c1223	15.8	0.2	22	1	US-09-935-247-9	Sequence 9, App1
c1151	15.8	0.2	21	1	US-10-226-254A-105	Sequence 105, App	c1224	15.8	0.2	22	1	US-10-092-900A-742	Sequence 742, App
c1152	15.8	0.2	21	1	US-10-006-856A-105	Sequence 105, App	c1225	15.8	0.2	22	1	US-10-361-208-302	Sequence 302, App
c1153	15.8	0.2	21	1	US-10-006-818A-105	Sequence 105, App	c1226	15.8	0.2	22	1	US-10-361-208-344	Sequence 344, App
c1154	15.8	0.2	21	1	US-10-015-393A-105	Sequence 105, App	c1227	15.8	0.2	23	1	US-10-032-585-5105	Sequence 5105, App
c1155	15.8	0.2	21	1	US-10-015-869A-105	Sequence 105, App	c1228	15.8	0.2	23	1	US-10-291-886-1	Sequence 1, App1
c1156	15.8	0.2	21	1	US-10-012-121A-105	Sequence 105, App	c1229	15.8	0.2	23	1	US-10-627-253A-36	Sequence 36, App1
c1157	15.8	0.2	21	1	US-10-006-116A-105	Sequence 105, App	c1230	15.8	0.2	24	1	US-09-864-866-48	Sequence 9, App1
c1158	15.8	0.2	21	1	US-10-006-117A-105	Sequence 105, App	c1231	15.8	0.2	24	1	US-09-906-514-9	Sequence 945, App
c1159	15.8	0.2	21	1	US-10-017-527A-105	Sequence 105, App	c1232	15.8	0.2	24	1	US-09-776-479-945	Sequence 945, App
c1160	15.8	0.2	21	1	US-10-013-913A-105	Sequence 105, App	c1233	15.8	0.2	24	1	US-09-776-479-945	Sequence 945, App
c1161	15.8	0.2	21	1	US-10-007-194A-105	Sequence 105, App	c1234	15.8	0.2	24	1	US-10-380-533-50	Sequence 50, App1
c1162	15.8	0.2	21	1	US-10-013-430A-105	Sequence 105, App	c1235	15.8	0.2	24	1	US-10-380-533-50	Sequence 50, App1
c1163	15.8	0.2	21	1	US-10-012-755A-105	Sequence 105, App	c1236	15.8	0.2	24	1	US-10-314-578-945	Sequence 945, App
c1164	15.8	0.2	21	1	US-10-012-755A-105	Sequence 105, App	c1237	15.8	0.2	24	1	US-10-325-810-472	Sequence 472, App
c1165	15.8	0.2	21	1	US-10-015-386A-105	Sequence 105, App	c1238	15.8	0.2	24	1	US-10-112-653-913	Sequence 913, App
c1166	15.8	0.2	21	1	US-10-011-692A-105	Sequence 105, App	c1239	15.8	0.2	24	1	US-10-017-895-945	Sequence 945, App
c1167	15.8	0.2	21	1	US-10-005-956-743	Sequence 743, App	c1240	15.8	0.2	24	1	US-10-158-160A-23	Sequence 239, App
c1168	15.8	0.2	21	1	US-10-005-956-744	Sequence 744, App	c1241	15.8	0.2	24	1	US-10-044-539-239	Sequence 126, App
c1169	15.8	0.2	21	1	US-10-005-956-749	Sequence 749, App	c1242	15.8	0.2	24	1	US-10-240-376A-126	Sequence 842, App
c1170	15.8	0.2	21	1	US-10-006-768A-105	Sequence 105, App	c1243	15.8	0.2	27	1	US-09-888-326-842	Sequence 911, App
c1171	15.8	0.2	21	1	US-10-006-768A-105	Sequence 105, App	c1244	15.8	0.2	27	1	US-09-776-479-911	Sequence 911, App
c1172	15.8	0.2	21	1	US-10-017-610A-105	Sequence 105, App	c1245	15.8	0.2	27	1	US-09-776-479-911	Sequence 911, App
c1173	15.8	0.2	21	1	US-10-006-063A-105	Sequence 105, App	c1246	15.8	0.2	27	1	US-10-314-578-911	Sequence 911, App
c1174	15.8	0.2	21	1	US-10-020-063A-105	Sequence 105, App	c1247	15.8	0.2	27	1	US-10-112-653-880	Sequence 880, App
c1175	15.8	0.2	21	1	US-10-015-391A-105	Sequence 105, App	c1248	15.8	0.2	27	1	US-10-017-995-911	Sequence 911, App
c1176	15.8	0.2	21	1	US-10-239-316-57	Sequence 57, App1	c1249	15.8	0.2	29	1	US-09-282-734-3	Sequence 3, App1
c1177	15.8	0.2	21	1	US-10-017-407A-105	Sequence 105, App	c1250	15.8	0.2	29	1	US-09-876-235-8	Sequence 8, App1
c1178	15.8	0.2	21	1	US-10-011-833A-105	Sequence 105, App	c1251	15.8	0.2	29	1	US-10-348-827-3	Sequence 3, App1
c1179	15.8	0.2	21	1	US-10-006-041A-105	Sequence 105, App	c1252	15.8	0.2	29	1	US-10-057-783A-41	Sequence 41, App1
c1180	15.8	0.2	21	1	US-10-015-892A-105	Sequence 105, App	c1253	15.8	0.2	29	1	US-10-348-827-3	Sequence 4, App1
c1181	15.8	0.2	21	1	US-10-015-387A-105	Sequence 105, App	c1254	15.8	0.2	29	1	US-09-997-931-6	Sequence 6, App1
c1182	15.8	0.2	21	1	US-10-006-130A-105	Sequence 105, App	c1255	15.8	0.2	30	1	US-10-217-914-4	Sequence 9, App1
c1183	15.8	0.2	21	1	US-10-006-172A-105	Sequence 105, App	c1256	15.8	0.2	30	1	US-10-029-008-9	Sequence 9, App1
c1184	15.8	0.2	21	1	US-10-017-253A-105	Sequence 105, App	c1257	15.8	0.2	30	1	US-10-683-386-9	Sequence 9, App1
c1185	15.8	0.2	21	1	US-10-015-392A-105	Sequence 105, App	c1258	15.8	0.2	30	1	US-10-209-008-9	Sequence 9, App1
c1186	15.8	0.2	21	1	US-10-017-306A-105	Sequence 105, App	c1259	15.8	0.2	31	1	US-10-194-138-15	Sequence 15, App1
c1187	15.8	0.2	21	1	US-10-017-867A-105	Sequence 105, App	c1260	15.8	0.2	32	1	US-10-447-073-4	Sequence 4, App1
c1188	15.8	0.2	21	1	US-10-012-064A-105	Sequence 105, App	c1261	15.8	0.2	32	1	US-10-611-629-3	Sequence 3, App1
c1189	15.8	0.2	21	1	US-10-032-585-4607	Sequence 4607, App	c1262	15.8	0.2	32	1	US-10-309-788A-10	Sequence 10, App1
c1190	15.8	0.2	21	1	US-10-013-909A-105	Sequence 105, App	c1263	15.8	0.2	32	1	US-10-228-306B-10	Sequence 10, App1
c1191	15.8	0.2	21	1	US-10-015-671A-105	Sequence 105, App	c1264	15.8	0.2	32	1	US-10-629-453-17	Sequence 17, App1
c1192	15.8	0.2	21	1	US-10-015-610A-105	Sequence 105, App	c1265	15.6	0.2	17	1	US-10-301-764-17	Sequence 17, App1
c1193	15.8	0.2	21	1	US-10-012-137A-105	Sequence 105, App	c1266	15.6	0.2	17	1	US-10-146-474-17	Sequence 17, App1
c1194	15.8	0.2	21	1	US-10-012-752A-105	Sequence 105, App	c1267	15.6	0.2	22	1	US-09-780-752-117	Sequence 112, App
c1195	15.8	0.2	21	1	US-10-012-754A-105	Sequence 105, App	c1268	15.6	0.2	22	1	US-09-888-615-132	Sequence 132, App
c1196	15.8	0.2	21	1	US-10-013-910A-105	Sequence 105, App	c1269	15.6	0.2	22	1	US-09-998-936-1	Sequence 1, App1
c1197	15.8	0.2	21	1	US-10-013-911A-105	Sequence 105, App	c1270	15.6	0.2	22	1	US-09-973-788A-43	Sequence 43, App1
c1198	15.8	0.2	21	1	US-10-013-912A-105	Sequence 105, App	c1271	15.6	0.2	22	1	US-09-973-788A-43	Sequence 43, App1
c1199	15.8	0.2	21	1	US-10-015-653A-105	Sequence 105, App	c1272	15.6	0.2	22	1	US-09-973-638A-46	Sequence 46, App1
c1200	15.8	0.2	21	1	US-10-012-101B-105	Sequence 105, App	c1273	15.6	0.2	22	1	US-09-974-638A-46	Sequence 46, App1
c1201	15.8	0.2	21	1	US-10-015-480A-105	Sequence 105, App	c1274	15.6	0.2	22	1	US-09-974-007-43	Sequence 43, App1

c1275	15.6	0.2	22	1	US-09-974-007-46	Sequence 46, Appl	c1348	15.6	0.2	22	1	US-10-766-590-4	Sequence 4, Appl1
c1276	15.6	0.2	22	1	US-09-976-617A-43	Sequence 43, Appl	1349	15.6	0.2	23	1	US-09-901-488A-461	Sequence 461, App
c1277	15.6	0.2	22	1	US-09-976-617A-46	Sequence 46, Appl	1350	15.6	0.2	23	1	US-09-853-526-461	Sequence 461, App
c1278	15.6	0.2	22	1	US-09-961-949A-43	Sequence 43, Appl	c1351	15.6	0.2	23	1	US-09-864-636A-4572	Sequence 2572, Ap
c1279	15.6	0.2	22	1	US-09-961-949A-46	Sequence 46, Appl	1352	15.6	0.2	23	1	US-09-792-818-2204	Sequence 2204, Ap
c1280	15.6	0.2	22	1	US-09-263-959-614	Sequence 614, App	c1353	15.6	0.2	23	1	US-09-864-428A-2572	Sequence 2572, Ap
c1281	15.6	0.2	22	1	US-09-760-500A-43	Sequence 43, Appl	c1354	15.6	0.2	23	1	US-10-399-877-5	Sequence 5, Appl1
c1282	15.6	0.2	22	1	US-09-760-500A-46	Sequence 46, Appl	1355	15.6	0.2	23	1	US-10-384-491-136	Sequence 196, App
c1283	15.6	0.2	22	1	US-09-967-409A-43	Sequence 43, Appl	c1356	15.6	0.2	23	1	US-10-084-839-2572	Sequence 2572, Ap
c1284	15.6	0.2	22	1	US-09-967-409A-46	Sequence 46, Appl	c1357	15.6	0.2	23	1	US-10-297-068-431	Sequence 431, App
c1285	15.6	0.2	22	1	US-09-975-062A-43	Sequence 43, Appl	c1358	15.6	0.2	23	1	US-10-297-068-437	Sequence 437, App
c1286	15.6	0.2	22	1	US-09-975-062A-46	Sequence 46, Appl	1359	15.6	0.2	23	1	US-10-361-006-2	Sequence 2, Appl1
c1287	15.6	0.2	22	1	US-09-976-378A-43	Sequence 43, Appl	c1360	15.6	0.2	23	1	US-10-388-218A-25	Sequence 25, Appl
c1288	15.6	0.2	22	1	US-09-976-378A-46	Sequence 46, Appl	c1361	15.6	0.2	23	1	US-10-664-422-380	Sequence 380, App
c1289	15.6	0.2	22	1	US-09-976-577-43	Sequence 43, Appl	c1362	15.6	0.2	23	1	US-10-664-422-380	Sequence 380, App
c1290	15.6	0.2	22	1	US-09-976-577-46	Sequence 46, Appl	1363	15.6	0.2	23	1	US-10-699-551-8	Sequence 8, Appl1
c1291	15.6	0.2	22	1	US-09-966-312-43	Sequence 43, Appl	1364	15.6	0.2	23	1	US-10-699-551-10	Sequence 10, Appl
c1292	15.6	0.2	22	1	US-09-966-312-46	Sequence 46, Appl	c1365	15.6	0.2	24	1	US-10-309-775A-28	Sequence 28, Appl
c1293	15.6	0.2	22	1	US-09-927-777A-43	Sequence 43, Appl	c1366	15.6	0.2	24	1	US-09-487-318-9	Sequence 9, Appl1
c1294	15.6	0.2	22	1	US-09-927-777A-46	Sequence 46, Appl	c1367	15.6	0.2	24	1	US-09-539-382-61	Sequence 61, Appl
c1295	15.6	0.2	22	1	US-09-927-777A-73	Sequence 73, Appl	1368	15.6	0.2	24	1	US-09-539-382-62	Sequence 62, Appl
c1296	15.6	0.2	22	1	US-09-966-491A-43	Sequence 43, Appl	1369	15.6	0.2	24	1	US-09-946-374-379	Sequence 379, App
c1297	15.6	0.2	22	1	US-09-966-491A-46	Sequence 46, Appl	c1370	15.6	0.2	24	1	US-09-940-185-1132	Sequence 1132, Ap
c1298	15.6	0.2	22	1	US-09-976-971A-43	Sequence 43, Appl	c1371	15.6	0.2	24	1	US-09-940-185-3469	Sequence 3469, Ap
c1299	15.6	0.2	22	1	US-09-976-971A-46	Sequence 46, Appl	c1372	15.6	0.2	24	1	US-09-792-818-2216	Sequence 2216, Ap
c1300	15.6	0.2	22	1	US-09-820-279B-43	Sequence 43, Appl	1373	15.6	0.2	24	1	US-10-015-395A-379	Sequence 379, App
c1301	15.6	0.2	22	1	US-09-820-279B-46	Sequence 46, Appl	c1374	15.6	0.2	24	1	US-10-433-561-37	Sequence 37, Appl
c1302	15.6	0.2	22	1	US-09-981-344-43	Sequence 43, Appl	c1375	15.6	0.2	24	1	US-10-257-332B-9	Sequence 9, Appl1
c1303	15.6	0.2	22	1	US-09-981-344-46	Sequence 46, Appl	c1376	15.6	0.2	24	1	US-09-764-359-9	Sequence 9, Appl1
c1304	15.6	0.2	22	1	US-09-957-318A-43	Sequence 43, Appl	1377	15.6	0.2	24	1	US-10-006-488A-379	Sequence 379, App
c1305	15.6	0.2	22	1	US-09-957-318A-46	Sequence 46, Appl	1378	15.6	0.2	24	1	US-10-013-907A-379	Sequence 379, App
c1306	15.6	0.2	22	1	US-09-974-500A-43	Sequence 43, Appl	1379	15.6	0.2	24	1	US-10-015-499A-379	Sequence 379, App
c1307	15.6	0.2	22	1	US-09-974-500A-46	Sequence 46, Appl	1380	15.6	0.2	24	1	US-10-226-254A-379	Sequence 379, App
c1308	15.6	0.2	22	1	US-09-770-107-108	Sequence 108, App	c1381	15.6	0.2	24	1	US-10-352-584-156	Sequence 156, App
c1309	15.6	0.2	22	1	US-09-975-376A-43	Sequence 43, Appl	c1382	15.6	0.2	24	1	US-10-067-790-61	Sequence 61, App
c1310	15.6	0.2	22	1	US-09-975-376A-46	Sequence 46, Appl	1383	15.6	0.2	24	1	US-10-067-790-62	Sequence 62, Appl
c1311	15.6	0.2	22	1	US-09-957-313A-43	Sequence 43, Appl	c1384	15.6	0.2	24	1	US-10-067-899-61	Sequence 61, Appl
c1312	15.6	0.2	22	1	US-09-957-313A-46	Sequence 46, Appl	1385	15.6	0.2	24	1	US-10-067-899-62	Sequence 62, Appl
c1313	15.6	0.2	22	1	US-09-976-863A-43	Sequence 43, Appl	c1386	15.6	0.2	24	1	US-10-067-899-61	Sequence 61, Appl
c1314	15.6	0.2	22	1	US-09-976-863A-46	Sequence 46, Appl	1387	15.6	0.2	24	1	US-10-067-899-62	Sequence 62, Appl
c1315	15.6	0.2	22	1	US-09-976-601A-43	Sequence 43, Appl	1388	15.6	0.2	24	1	US-10-006-856A-379	Sequence 379, App
c1316	15.6	0.2	22	1	US-09-976-601A-46	Sequence 46, Appl	1389	15.6	0.2	24	1	US-10-085-906-207	Sequence 207, App
c1317	15.6	0.2	22	1	US-09-975-059A-43	Sequence 43, Appl	1390	15.6	0.2	24	1	US-10-006-818A-379	Sequence 379, App
c1318	15.6	0.2	22	1	US-09-975-059A-46	Sequence 46, Appl	1391	15.6	0.2	24	1	US-10-015-393A-379	Sequence 379, App
c1319	15.6	0.2	22	1	US-09-976-968A-43	Sequence 43, Appl	1392	15.6	0.2	24	1	US-10-015-868A-379	Sequence 379, App
c1320	15.6	0.2	22	1	US-09-976-968A-46	Sequence 46, Appl	1393	15.6	0.2	24	1	US-10-012-121A-379	Sequence 379, App
c1321	15.6	0.2	22	1	US-09-844-861A-80	Sequence 80, Appl	1394	15.6	0.2	24	1	US-10-006-116A-379	Sequence 379, App
c1322	15.6	0.2	22	1	US-09-844-861A-83	Sequence 83, Appl	1395	15.6	0.2	24	1	US-10-006-117A-379	Sequence 379, App
c1323	15.6	0.2	22	1	US-09-981-566A-167	Sequence 167, App	1396	15.6	0.2	24	1	US-10-017-527A-379	Sequence 379, App
c1324	15.6	0.2	22	1	US-09-981-566A-182	Sequence 182, App	1397	15.6	0.2	24	1	US-10-013-913A-379	Sequence 379, App
c1325	15.6	0.2	22	1	US-10-640-618-43	Sequence 43, Appl	1398	15.6	0.2	24	1	US-10-007-194A-379	Sequence 379, App
c1326	15.6	0.2	22	1	US-10-640-618-46	Sequence 46, Appl	1399	15.6	0.2	24	1	US-10-013-430A-379	Sequence 379, App
c1327	15.6	0.2	22	1	US-09-874-991C-617	Sequence 617, App	1400	15.6	0.2	24	1	US-10-011-671A-379	Sequence 379, App
c1328	15.6	0.2	22	1	US-10-632-658-49	Sequence 49, Appl	1401	15.6	0.2	24	1	US-10-012-755A-379	Sequence 379, App
c1329	15.6	0.2	22	1	US-09-975-498-43	Sequence 43, Appl	1402	15.6	0.2	24	1	US-10-015-386A-379	Sequence 379, App
c1330	15.6	0.2	22	1	US-09-975-498-46	Sequence 46, Appl	1403	15.6	0.2	24	1	US-10-128-449A-24	Sequence 24, Appl
c1331	15.6	0.2	22	1	US-10-173-509-1	Sequence 1, Appl1	1404	15.6	0.2	24	1	US-10-169-836-4	Sequence 4, Appl1
c1332	15.6	0.2	22	1	US-10-008-978-43	Sequence 43, Appl	1405	15.6	0.2	24	1	US-10-011-692A-379	Sequence 379, App
c1333	15.6	0.2	22	1	US-10-008-978-46	Sequence 46, Appl	1406	15.6	0.2	24	1	US-10-006-768A-379	Sequence 379, App
c1334	15.6	0.2	22	1	US-10-008-978-73	Sequence 73, Appl	1407	15.6	0.2	24	1	US-10-017-610A-379	Sequence 379, App
c1335	15.6	0.2	22	1	US-10-120-305A-3	Sequence 3, Appl1	1408	15.6	0.2	24	1	US-10-006-063A-379	Sequence 379, App
c1336	15.6	0.2	22	1	US-10-153-791-1	Sequence 1, Appl1	1409	15.6	0.2	24	1	US-10-020-063A-379	Sequence 379, App
c1337	15.6	0.2	22	1	US-10-214-670-2	Sequence 2, Appl1	1410	15.6	0.2	24	1	US-10-015-391A-379	Sequence 379, App
c1338	15.6	0.2	22	1	US-10-410-324-43	Sequence 43, Appl	1411	15.6	0.2	24	1	US-10-017-407A-379	Sequence 379, App
c1339	15.6	0.2	22	1	US-10-410-324-46	Sequence 46, Appl	1412	15.6	0.2	24	1	US-10-011-833A-379	Sequence 379, App
c1340	15.6	0.2	22	1	US-10-204-884-93	Sequence 93, Appl	1413	15.6	0.2	24	1	US-10-006-041A-379	Sequence 379, App
c1341	15.6	0.2	22	1	US-10-266-983-43	Sequence 43, Appl	1414	15.6	0.2	24	1	US-10-015-822A-379	Sequence 379, App
c1342	15.6	0.2	22	1	US-10-266-983-46	Sequence 46, Appl	1415	15.6	0.2	24	1	US-10-015-387A-379	Sequence 379, App
c1343	15.6	0.2	22	1	US-10-266-983-73	Sequence 73, Appl	c1416	15.6	0.2	24	1	US-10-254-676-6	Sequence 6, Appl1
c1344	15.6	0.2	22	1	US-10-435-696-156	Sequence 156, App	1417	15.6	0.2	24	1	US-10-006-130A-379	Sequence 379, App
c1345	15.6	0.2	22	1	US-10-180-331-3	Sequence 3, Appl1	1418	15.6	0.2	24	1	US-10-006-172A-379	Sequence 379, App
c1346	15.6	0.2	22	1	US-10-716-829-43	Sequence 43, Appl	c1419	15.6	0.2	24	1	US-10-171-319-31	Sequence 31, Appl
c1347	15.6	0.2	22	1	US-10-716-829-46	Sequence 46, Appl	1420	15.6	0.2	24	1	US-10-017-253A-379	Sequence 379, App

1421	15.6	0.2	24	1	US-10-015-392A-379	Sequence 379, App	1494	15.4	0.2	18	1	US-10-436-231-1	Sequence 1, Appl
1422	15.6	0.2	24	1	US-10-017-306A-379	Sequence 379, App	C1495	15.4	0.2	18	1	US-10-436-231-2	Sequence 2, Appl
1423	15.6	0.2	24	1	US-10-017-867A-379	Sequence 379, App	C1496	15.4	0.2	19	1	US-09-814-986-39	Sequence 39, Appl
1424	15.6	0.2	24	1	US-10-012-064A-379	Sequence 379, App	1497	15.4	0.2	19	1	US-10-185-083-47	Sequence 47, Appl
1425	15.6	0.2	24	1	US-10-013-909A-379	Sequence 379, App	1498	15.4	0.2	19	1	US-10-194-595-47	Sequence 47, Appl
1426	15.6	0.2	24	1	US-10-015-671A-379	Sequence 379, App	1499	15.4	0.2	19	1	US-10-345-092-48	Sequence 48, Appl
1427	15.6	0.2	24	1	US-10-015-610A-379	Sequence 379, App	C1500	15.4	0.2	20	1	US-09-779-086-3	Sequence 3, Appl
1428	15.6	0.2	24	1	US-10-012-137A-379	Sequence 379, App	C1501	15.4	0.2	20	1	US-09-779-086-4	Sequence 4, Appl
1429	15.6	0.2	24	1	US-10-012-752A-379	Sequence 379, App	C1502	15.4	0.2	20	1	US-09-802-669-177	Sequence 177, App
1430	15.6	0.2	24	1	US-10-012-754A-379	Sequence 379, App	C1503	15.4	0.2	20	1	US-09-903-413-8	Sequence 8, Appl
1431	15.6	0.2	24	1	US-10-013-910A-379	Sequence 379, App	C1504	15.4	0.2	20	1	US-09-900-425A-14	Sequence 14, Appl
1432	15.6	0.2	24	1	US-10-013-911A-379	Sequence 379, App	C1505	15.4	0.2	20	1	US-09-784-674-728	Sequence 728, App
1433	15.6	0.2	24	1	US-10-015-653A-379	Sequence 379, App	1506	15.4	0.2	20	1	US-09-784-674-729	Sequence 729, App
1434	15.6	0.2	24	1	US-10-012-101B-379	Sequence 379, App	1507	15.4	0.2	20	1	US-09-784-674-730	Sequence 730, App
1435	15.6	0.2	24	1	US-10-084-555-103	Sequence 103, App	C1508	15.4	0.2	20	1	US-09-817-663-98	Sequence 98, Appl
C1436	15.6	0.2	24	1	US-10-015-480A-379	Sequence 379, App	C1509	15.4	0.2	20	1	US-09-917-663-98	Sequence 3, Appl
1437	15.6	0.2	24	1	US-10-015-480A-379	Sequence 379, App	1510	15.4	0.2	20	1	US-09-922-607-36	Sequence 36, Appl
1438	15.6	0.2	24	1	US-10-015-480A-379	Sequence 379, App	C1511	15.4	0.2	20	1	US-09-972-616-5	Sequence 5, Appl
1439	15.6	0.2	24	1	US-10-012-237A-379	Sequence 379, App	C1512	15.4	0.2	20	1	US-10-087-684-129	Sequence 129, App
1440	15.6	0.2	24	1	US-10-013-906A-379	Sequence 379, App	C1513	15.4	0.2	20	1	US-10-218-779-129	Sequence 129, App
1441	15.6	0.2	24	1	US-10-013-906A-379	Sequence 379, App	C1514	15.4	0.2	20	1	US-10-218-779-129	Sequence 129, App
1442	15.6	0.2	24	1	US-10-012-753A-379	Sequence 379, App	C1515	15.4	0.2	20	1	US-10-160-497-41	Sequence 41, Appl
1443	15.6	0.2	24	1	US-10-015-385A-379	Sequence 379, App	C1516	15.4	0.2	20	1	US-10-160-497-41	Sequence 41, Appl
1444	15.6	0.2	24	1	US-10-007-236A-379	Sequence 379, App	1517	15.4	0.2	20	1	US-10-160-497-41	Sequence 41, Appl
1445	15.6	0.2	24	1	US-10-015-389A-379	Sequence 379, App	C1518	15.4	0.2	20	1	US-10-348-750-41	Sequence 108, Appl
1446	15.6	0.2	24	1	US-10-015-519A-379	Sequence 379, App	1519	15.4	0.2	20	1	US-10-348-750-41	Sequence 108, Appl
1447	15.6	0.2	24	1	US-10-013-915A-379	Sequence 379, App	1520	15.4	0.2	20	1	US-10-126-611-33	Sequence 33, Appl
1448	15.6	0.2	24	1	US-10-015-394A-379	Sequence 379, App	1521	15.4	0.2	20	1	US-10-116-949-17	Sequence 17, Appl
C1449	15.6	0.2	24	1	US-10-015-157-171	Sequence 171, App	C1522	15.4	0.2	20	1	US-10-079-185-14	Sequence 14, Appl
1450	15.6	0.2	24	1	US-10-015-380A-379	Sequence 379, App	C1523	15.4	0.2	20	1	US-10-209-609-16	Sequence 16, Appl
1451	15.6	0.2	24	1	US-10-006-746A-379	Sequence 379, App	C1524	15.4	0.2	20	1	US-10-148-835-65	Sequence 64, Appl
C1452	15.6	0.2	24	1	US-10-011-795A-379	Sequence 379, App	C1525	15.4	0.2	20	1	US-10-349-143-6348	Sequence 6348, App
1453	15.6	0.2	24	1	US-10-309-775A-13	Sequence 13, Appl	C1526	15.4	0.2	20	1	US-10-190-366-39	Sequence 39, Appl
C1454	15.6	0.2	24	1	US-10-012-231A-379	Sequence 379, App	1527	15.4	0.2	20	1	US-10-190-366-39	Sequence 39, Appl
1455	15.6	0.2	24	1	US-10-179-940-187	Sequence 187, App	C1528	15.4	0.2	20	1	US-10-212-993-13	Sequence 14, Appl
1456	15.6	0.2	24	1	US-10-429-160-110	Sequence 110, App	1529	15.4	0.2	20	1	US-10-212-993-13	Sequence 14, Appl
C1457	15.6	0.2	24	1	US-10-664-423-332	Sequence 332, App	C1530	15.4	0.2	20	1	US-10-628-841-36	Sequence 36, Appl
C1458	15.6	0.2	24	1	US-10-664-423-332	Sequence 332, App	C1531	15.4	0.2	20	1	US-10-304-111-35	Sequence 35, Appl
C1459	15.6	0.2	24	1	US-10-477-726-37	Sequence 37, Appl	C1532	15.4	0.2	20	1	US-10-317-277A-49	Sequence 49, Appl
C1460	15.6	0.2	24	1	US-10-374-307-8	Sequence 8, Appl	1533	15.4	0.2	20	1	US-10-317-277A-49	Sequence 49, Appl
1461	15.6	0.2	24	1	US-10-374-307-11	Sequence 11, Appl	1534	15.4	0.2	20	1	US-10-318-389-66	Sequence 16, Appl
C1462	15.6	0.2	24	1	US-10-746-264-21	Sequence 21, Appl	1535	15.4	0.2	20	1	US-10-774-974-14	Sequence 14, Appl
C1463	15.6	0.2	30	1	US-09-891-517-6	Sequence 6, Appl	C1536	15.4	0.2	20	1	US-10-671-395-938	Sequence 938, App
C1464	15.6	0.2	30	1	US-09-891-517-7	Sequence 7, Appl	1537	15.4	0.2	20	1	US-10-728-399-273	Sequence 273, App
C1465	15.6	0.2	30	1	US-10-683-386-5	Sequence 5, Appl	C1538	15.4	0.2	20	1	US-10-764-328-5	Sequence 5, Appl
C1466	15.6	0.2	30	1	US-10-683-386-6	Sequence 6, Appl	1540	15.4	0.2	20	1	US-10-731-739-575	Sequence 575, App
C1467	15.6	0.2	30	1	US-10-683-386-7	Sequence 7, Appl	1541	15.4	0.2	20	1	US-10-805-919-14	Sequence 14, Appl
C1468	15.6	0.2	30	1	US-10-209-608-5	Sequence 5, Appl	C1542	15.4	0.2	21	1	US-10-476-021-46	Sequence 46, Appl
C1469	15.6	0.2	30	1	US-10-209-608-6	Sequence 6, Appl	1543	15.4	0.2	21	1	US-10-380-195A-2	Sequence 2, Appl
C1470	15.6	0.2	30	1	US-10-209-608-7	Sequence 7, Appl	C1544	15.4	0.2	21	1	US-10-380-195A-2	Sequence 2, Appl
1471	15.4	0.2	17	1	US-09-927-046-1043	Sequence 1043, App	1545	15.4	0.2	21	1	US-10-360-954A-46	Sequence 46, Appl
1472	15.4	0.2	17	1	US-10-156-306-521	Sequence 521, App	C1546	15.4	0.2	21	1	US-10-335-977-9909	Sequence 9909, App
1473	15.4	0.2	17	1	US-10-156-306-522	Sequence 2322, App	1547	15.4	0.2	21	1	US-09-775-479-14	Sequence 14, Appl
1474	15.4	0.2	17	1	US-10-156-306-3639	Sequence 3639, App	C1548	15.4	0.2	21	1	US-10-435-044A-23	Sequence 23, Appl
1475	15.4	0.2	17	1	US-10-156-306-4918	Sequence 4918, App	C1549	15.4	0.2	21	1	US-10-435-044A-23	Sequence 23, Appl
C1476	15.4	0.2	17	1	US-10-138-674-1408	Sequence 1408, App	C1550	15.4	0.2	21	1	US-10-349-143-9992	Sequence 9992, App
1477	15.4	0.2	17	1	US-10-138-674-5562	Sequence 5562, App	1551	15.4	0.2	22	1	US-09-729-043A-5	Sequence 5, Appl
C1478	15.4	0.2	17	1	US-10-138-674-9252	Sequence 9252, App	C1552	15.4	0.2	22	1	US-09-727-030C-11	Sequence 37, Appl
C1479	15.4	0.2	17	1	US-10-287-949A-1408	Sequence 1408, App	1553	15.4	0.2	22	1	US-10-060-301-17	Sequence 37, Appl
1480	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, App	1554	15.4	0.2	22	1	US-10-060-301-19	Sequence 39, Appl
C1481	15.4	0.2	17	1	US-10-287-949A-9252	Sequence 9252, App	C1555	15.4	0.2	22	1	US-10-032-585-806	Sequence 506, App
1482	15.4	0.2	17	1	US-10-628-109-138	Sequence 138, App	C1556	15.4	0.2	22	1	US-10-359-214-81	Sequence 81, Appl
1483	15.4	0.2	17	1	US-10-735-592-11	Sequence 11, Appl	C1557	15.4	0.2	23	1	US-09-870-956-41	Sequence 41, Appl
1484	15.4	0.2	17	1	US-10-735-592-12	Sequence 12, Appl	C1558	15.4	0.2	23	1	US-09-851-873-30	Sequence 20, Appl
1485	15.4	0.2	17	1	US-10-735-592-14	Sequence 14, Appl	1559	15.4	0.2	23	1	US-10-379-741-28	Sequence 28, Appl
1486	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	C1560	15.4	0.2	23	1	US-10-374-932-208	Sequence 208, App
1487	15.4	0.2	17	1	US-10-735-592-36	Sequence 36, Appl	C1561	15.4	0.2	23	1	US-10-667-799-50	Sequence 50, Appl
C1488	15.4	0.2	18	1	US-09-774-381-17	Sequence 17, Appl	1562	15.4	0.2	25	1	US-09-853-646-4	Sequence 3, Appl
C1489	15.4	0.2	18	1	US-10-065-200A-48	Sequence 48, Appl	1563	15.4	0.2	26	1	US-09-853-646-3	Sequence 3, Appl
C1490	15.4	0.2	18	1	US-09-775-479-8	Sequence 8, Appl	1564	15.4	0.2	27	1	US-10-102-720-18	Sequence 18, Appl
1491	15.4	0.2	18	1	US-10-156-487A-11	Sequence 11, Appl	C1565	15.4	0.2	30	1	US-09-891-517-8	Sequence 8, Appl
1492	15.4	0.2	18	1	US-10-143-266-4	Sequence 4, Appl	C1566	15.4	0.2	30	1	US-09-891-517-8	Sequence 8, Appl
1493	15.4	0.2	18	1	US-10-197-293-18	Sequence 18, Appl							

c1567	15.4	0.2	30	1	US-10-683-386-8	Sequence 8, Appl1	c1640	15.2	0.2	20	1	US-10-688-706-890	Sequence 890, App
c1568	15.4	0.2	30	1	US-10-209-608-8	Sequence 8, Appl1	1641	15.2	0.2	20	1	US-10-315-962-50	Sequence 50, Appl
1569	15.4	0.2	31	1	US-09-801-274-1211	Sequence 1211, Ap	1642	15.2	0.2	20	1	US-10-316-755-20	Sequence 20, Appl
1570	15.4	0.2	32	1	US-10-208-357-14	Sequence 14, Appl	c1643	15.2	0.2	20	1	US-10-316-755-175	Sequence 175, App
c1571	15.4	0.2	41	1	US-10-035-833A-2291	Sequence 2291, Ap	c1644	15.2	0.2	20	1	US-10-467-008-104	Sequence 104, App
c1572	15.4	0.2	41	1	US-10-035-833A-3267	Sequence 3267, Ap	1645	15.2	0.2	20	1	US-10-606-133-112	Sequence 133, Appl
1573	15.2	0.2	17	1	US-10-380-596A-5	Sequence 5, Appl1	1646	15.2	0.2	20	1	US-10-606-133-235	Sequence 235, App
1574	15.2	0.2	17	1	US-10-015-593-2	Sequence 2, Appl1	c1647	15.2	0.2	20	1	US-10-728-399-18	Sequence 18, Appl
c1575	15.2	0.2	20	1	US-10-275-080A-7	Sequence 7, Appl1	c1648	15.2	0.2	20	1	US-10-728-399-24	Sequence 24, Appl1
c1576	15.2	0.2	20	1	US-09-823-634A-18	Sequence 18, Appl	1649	15.2	0.2	20	1	US-10-655-620A-5	Sequence 5, Appl1
c1577	15.2	0.2	20	1	US-09-823-634B-18	Sequence 18, Appl	c1650	15.2	0.2	21	1	US-10-418-182-106	Sequence 106, App
c1578	15.2	0.2	20	1	US-09-263-959-894	Sequence 894, App	1651	15.2	0.2	21	1	US-08-776-044-11	Sequence 11, Appl
1579	15.2	0.2	20	1	US-09-874-162A-22	Sequence 22, Appl	c1652	15.2	0.2	21	1	US-09-073-881-12	Sequence 12, Appl
c1580	15.2	0.2	20	1	US-09-964-261-186	Sequence 186, App	c1653	15.2	0.2	21	1	US-09-964-261-187	Sequence 187, App
1581	15.2	0.2	20	1	US-09-771-933-148	Sequence 148, App	c1654	15.2	0.2	21	1	US-10-027-075-14	Sequence 14, Appl
1582	15.2	0.2	20	1	US-09-888-326-737	Sequence 737, App	c1655	15.2	0.2	21	1	US-10-013-322-6	Sequence 6, Appl1
c1583	15.2	0.2	20	1	US-09-950-840-21	Sequence 21, Appl	1656	15.2	0.2	21	1	US-10-002-623-53	Sequence 53, Appl
c1584	15.2	0.2	20	1	US-09-779-152-61	Sequence 61, Appl	1657	15.2	0.2	21	1	US-10-032-585-5530	Sequence 5530, Ap
1585	15.2	0.2	20	1	US-09-784-674-732	Sequence 732, App	c1658	15.2	0.2	21	1	US-10-109-349A-1	Sequence 1, Appl1
1586	15.2	0.2	20	1	US-09-784-674-733	Sequence 733, App	1659	15.2	0.2	21	1	US-10-377-684-18	Sequence 18, Appl
1587	15.2	0.2	20	1	US-09-784-674-734	Sequence 734, App	c1660	15.2	0.2	21	1	US-10-444-575-22	Sequence 22, Appl
1588	15.2	0.2	20	1	US-09-784-674-736	Sequence 736, App	c1661	15.2	0.2	21	1	US-10-349-143-6864	Sequence 6864, Ap
c1589	15.2	0.2	20	1	US-09-906-158-85	Sequence 85, Appl	c1662	15.2	0.2	21	1	US-10-349-143-9636	Sequence 9636, Ap
1590	15.2	0.2	20	1	US-09-776-479-431	Sequence 431, App	1663	15.2	0.2	21	1	US-10-276-358-75	Sequence 75, Appl
1591	15.2	0.2	20	1	US-09-967-655-60	Sequence 60, Appl	c1664	15.2	0.2	21	1	US-10-444-795B-736	Sequence 736, App
c1592	15.2	0.2	20	1	US-09-967-655-86	Sequence 86, Appl	c1665	15.2	0.2	21	1	US-10-238-741-9	Sequence 9, Appl1
1593	15.2	0.2	20	1	US-10-343-114-36	Sequence 36, Appl	c1666	15.2	0.2	21	1	US-10-655-579-67	Sequence 67, Appl
c1594	15.2	0.2	20	1	US-10-215-448-40	Sequence 40, Appl	1668	15.2	0.2	21	1	US-10-338-552-91	Sequence 91, Appl
c1595	15.2	0.2	20	1	US-10-380-126-38	Sequence 38, Appl	1669	15.2	0.2	21	1	US-10-338-621-91	Sequence 91, Appl
c1597	15.2	0.2	20	1	US-10-380-128-61	Sequence 61, Appl	c1670	15.2	0.2	21	1	US-10-774-602-9	Sequence 9, Appl1
c1598	15.2	0.2	20	1	US-10-683-386-40	Sequence 40, Appl	c1671	15.2	0.2	21	1	US-10-792-637-14	Sequence 14, Appl
c1599	15.2	0.2	20	1	US-10-683-386-41	Sequence 41, Appl	1672	15.2	0.2	21	1	US-10-755-889-821	Sequence 821, App
c1600	15.2	0.2	20	1	US-10-181-543-50	Sequence 50, Appl	c1673	15.2	0.2	22	1	US-09-816-522-29	Sequence 29, Appl
1601	15.2	0.2	20	1	US-10-282-174-66	Sequence 66, Appl	1674	15.2	0.2	22	1	US-09-853-830-126	Sequence 126, App
1602	15.2	0.2	20	1	US-10-314-578-431	Sequence 431, App	1675	15.2	0.2	22	1	US-09-780-172-11	Sequence 11, Appl
1603	15.2	0.2	20	1	US-10-339-674-1935	Sequence 795, App	c1676	15.2	0.2	22	1	US-09-964-261-188	Sequence 188, App
1604	15.2	0.2	20	1	US-10-339-674-1830	Sequence 1830, Ap	c1677	15.2	0.2	22	1	US-09-927-121B-38	Sequence 38, Appl
1605	15.2	0.2	20	1	US-10-125-181-19	Sequence 19, Appl	1678	15.2	0.2	22	1	US-09-927-811A-16	Sequence 16, Appl
c1606	15.2	0.2	20	1	US-10-023-610-61	Sequence 61, Appl	1679	15.2	0.2	22	1	US-10-663-241-45	Sequence 45, Appl
c1607	15.2	0.2	20	1	US-10-112-653-413	Sequence 413, App	1680	15.2	0.2	22	1	US-09-874-991C-619	Sequence 619, App
1608	15.2	0.2	20	1	US-10-085-906-213	Sequence 213, App	1681	15.2	0.2	22	1	US-10-211-884-188	Sequence 188, Appl
1609	15.2	0.2	20	1	US-10-085-906-213	Sequence 213, App	c1682	15.2	0.2	22	1	US-10-309-788-17	Sequence 17, Appl
1610	15.2	0.2	20	1	US-10-152-040-6	Sequence 6, Appl1	c1683	15.2	0.2	22	1	US-10-309-788-19	Sequence 19, Appl
1611	15.2	0.2	20	1	US-10-209-608-40	Sequence 40, Appl	c1684	15.2	0.2	22	1	US-10-300-616-13	Sequence 13, Appl
c1612	15.2	0.2	20	1	US-10-209-608-41	Sequence 41, Appl	c1685	15.2	0.2	22	1	US-10-263-872-17	Sequence 17, Appl
c1613	15.2	0.2	20	1	US-10-161-803-2	Sequence 2, Appl1	1686	15.2	0.2	22	1	US-10-002-623-56	Sequence 56, Appl
1614	15.2	0.2	20	1	US-10-230-026-108	Sequence 108, App	1687	15.2	0.2	22	1	US-10-106-743-2	Sequence 2, Appl1
1615	15.2	0.2	20	1	US-10-367-470-18	Sequence 18, Appl	c1688	15.2	0.2	22	1	US-10-106-743-2	Sequence 2, Appl1
c1616	15.2	0.2	20	1	US-10-032-585-5256	Sequence 5256, Ap	1689	15.2	0.2	22	1	US-10-357-935-29	Sequence 29, Appl
c1617	15.2	0.2	20	1	US-10-331-907-289	Sequence 289, App	1690	15.2	0.2	22	1	US-10-210-951-188	Sequence 188, App
1619	15.2	0.2	20	1	US-10-005-344-331	Sequence 331, App	1691	15.2	0.2	22	1	US-10-438-722-125	Sequence 125, App
c1620	15.2	0.2	20	1	US-10-380-931-104	Sequence 104, App	c1692	15.2	0.2	22	1	US-10-338-306B-17	Sequence 17, Appl
1621	15.2	0.2	20	1	US-10-236-031B-86	Sequence 86, Appl	c1693	15.2	0.2	22	1	US-10-238-306B-19	Sequence 19, Appl
1622	15.2	0.2	20	1	US-10-388-263-534	Sequence 534, App	c1694	15.2	0.2	22	1	US-10-629-453-17	Sequence 17, Appl
c1623	15.2	0.2	20	1	US-10-175-492-51	Sequence 51, Appl	c1695	15.2	0.2	22	1	US-10-629-453-19	Sequence 19, Appl
1624	15.2	0.2	20	1	US-10-175-492-129	Sequence 129, App	1697	15.2	0.2	22	1	US-10-365-548-7	Sequence 7, Appl1
c1625	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	1698	15.2	0.2	23	1	US-09-263-959-772	Sequence 772, App
1626	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	c1699	15.2	0.2	23	1	US-09-964-261-189	Sequence 189, App
c1627	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	1700	15.2	0.2	23	1	US-09-771-963-140	Sequence 140, App
1628	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	1701	15.2	0.2	23	1	US-10-024-017-4	Sequence 4, Appl1
c1629	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	c1702	15.2	0.2	23	1	US-10-075-425-24	Sequence 24, Appl
c1630	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	c1703	15.2	0.2	23	1	US-10-024-018-1	Sequence 1, Appl1
c1631	15.2	0.2	20	1	US-10-289-762-6476	Sequence 6476, Ap	c1704	15.2	0.2	23	1	US-10-090-188A-1	Sequence 1, Appl1
1632	15.2	0.2	20	1	US-10-289-762-6476	Sequence 6476, Ap	c1705	15.2	0.2	23	1	US-10-251-598-39	Sequence 39, Appl
c1633	15.2	0.2	20	1	US-10-455-552-26	Sequence 26, Appl	c1706	15.2	0.2	23	1	US-10-118-853-38	Sequence 38, Appl
c1634	15.2	0.2	20	1	US-10-272-848-61	Sequence 61, Appl	c1707	15.2	0.2	23	1	US-10-078-113-1	Sequence 1, Appl1
c1635	15.2	0.2	20	1	US-10-272-848-61	Sequence 61, Appl	c1708	15.2	0.2	23	1	US-10-179-940-1	Sequence 1, Appl1
c1636	15.2	0.2	20	1	US-10-272-848-61	Sequence 61, Appl	c1709	15.2	0.2	23	1	US-10-309-290-222	Sequence 222, App
1637	15.2	0.2	20	1	US-10-303-328-17	Sequence 17, Appl	c1710	15.2	0.2	23	1	US-10-287-092-53	Sequence 53, Appl
c1638	15.2	0.2	20	1	US-10-303-328-52	Sequence 52, Appl	c1711	15.2	0.2	23	1	US-10-607-455-38	Sequence 38, Appl
c1639	15.2	0.2	20	1	US-10-688-706-714	Sequence 714, App	c1712	15.2	0.2	23	1	US-10-665-951-2006	Sequence 2006, Ap

1713	15.2	0.2	23	1	US-10-762-888-6	Sequence 6, Appli	1786	15	0.2	17	1	US-10-309-152A-3	Sequence 3, Appl1
c1714	15.2	0.2	24	1	US-10-309-775A-22	Sequence 22, Appl	1787	15	0.2	17	1	US-10-220-373-7	Sequence 7, Appl1
1715	15.2	0.2	24	1	US-10-257-332B-9	Sequence 9, Appl1	1787	15	0.2	17	1	US-10-220-373-8	Sequence 8, Appl1
1716	15.2	0.2	24	1	US-10-746-264-21	Sequence 21, Appl	1788	15	0.2	17	1	US-10-380-255-6	Sequence 6, Appl1
1717	15	0.2	15	1	US-09-504-231A-22	Sequence 22, Appl	1790	15	0.2	17	1	US-10-380-255-7	Sequence 7, Appl1
1718	15	0.2	15	1	US-09-930-218-5	Sequence 5, Appl1	1791	15	0.2	17	1	US-10-138-674-1071	Sequence 1071, Ap
1719	15	0.2	15	1	US-09-274-553D-22	Sequence 22, Appl	1792	15	0.2	17	1	US-10-138-674-1076	Sequence 1076, Ap
1720	15	0.2	15	1	US-09-776-874A-5	Sequence 5, Appl1	1793	15	0.2	17	1	US-10-287-949A-1071	Sequence 1071, Ap
1721	15	0.2	15	1	US-09-955-410-17	Sequence 17, Appl	1794	15	0.2	17	1	US-10-287-949A-1076	Sequence 1076, Ap
c1722	15	0.2	15	1	US-09-805-410-18	Sequence 18, Appl	c1795	15	0.2	17	1	US-10-723-361-1537	Sequence 1537, Ap
1723	15	0.2	15	1	US-09-805-296D-10	Sequence 10, Appl	c1796	15	0.2	17	1	US-10-723-361-1538	Sequence 1538, Ap
c1724	15	0.2	15	1	US-09-983-210-19	Sequence 19, Appl	c1797	15	0.2	17	1	US-10-723-361-1539	Sequence 1539, Ap
1725	15	0.2	15	1	US-09-983-210-20	Sequence 20, Appl	1798	15	0.2	17	1	US-10-239-734-3	Sequence 3, Appl1
c1726	15	0.2	15	1	US-09-850-982B-4	Sequence 4, Appl1	1799	15	0.2	17	1	US-10-239-734-4	Sequence 4, Appl1
1727	15	0.2	15	1	US-09-988-113-5	Sequence 5, Appl1	1800	15	0.2	17	1	US-10-735-592-10	Sequence 10, Appl
1728	15	0.2	15	1	US-09-988-113-5	Sequence 5, Appl1	c1801	15	0.2	18	1	US-09-904-744-1	Sequence 1, Appl1
1729	15	0.2	15	1	US-09-793-146-5	Sequence 54, Appl	1802	15	0.2	18	1	US-09-904-744-2	Sequence 2, Appl1
1730	15	0.2	15	1	US-09-793-146-55	Sequence 55, Appl	1803	15	0.2	18	1	US-09-775-479-9	Sequence 9, Appl1
1731	15	0.2	15	1	US-10-433-005-4	Sequence 4, Appl1	1804	15	0.2	18	1	US-10-181-603-11	Sequence 11, Appl
1732	15	0.2	15	1	US-10-637-935-9	Sequence 9, Appl1	1805	15	0.2	20	1	US-09-906-158-23	Sequence 23, Appl
1733	15	0.2	15	1	US-10-233-655A-4	Sequence 4, Appl1	1806	15	0.2	20	1	US-10-216-484-93	Sequence 93, Appl
c1734	15	0.2	15	1	US-10-291-808-68	Sequence 68, Appl	1807	15	0.2	20	1	US-10-384-533-93	Sequence 93, Appl
1735	15	0.2	15	1	US-10-208-357-21	Sequence 21, Appl	1808	15	0.2	20	1	US-10-388-263-472	Sequence 472, Ap
c1736	15	0.2	15	1	US-10-176-055-9	Sequence 9, Appl1	1809	15	0.2	20	1	US-10-173-118-17	Sequence 17, Appl
1737	15	0.2	15	1	US-10-202-189-9	Sequence 9, Appl1	c1810	15	0.2	20	1	US-10-173-118-87	Sequence 87, Appl
1738	15	0.2	15	1	US-10-072-975-10	Sequence 10, Appl	1811	15	0.2	20	1	US-10-377-879-87	Sequence 87, Appl
1739	15	0.2	15	1	US-10-227-001-23	Sequence 23, Appl	1812	15	0.2	20	1	US-10-688-706-298	Sequence 298, Ap
1740	15	0.2	15	1	US-10-051-436-10	Sequence 10, Appl	c1814	15	0.2	21	1	US-09-775-479-17	Sequence 17, Appl
1741	15	0.2	15	1	US-10-106-749-1	Sequence 1, Appl1	1815	15	0.2	21	1	US-10-349-143-9155	Sequence 9155, Ap
1742	15	0.2	15	1	US-10-106-749-5	Sequence 5, Appl1	1816	15	0.2	22	1	US-10-324-409B-18	Sequence 18, Appl
1743	15	0.2	15	1	US-10-384-451-5	Sequence 5, Appl1	c1817	15	0.2	23	1	US-09-263-959-409	Sequence 409, Ap
1744	15	0.2	15	1	US-10-269-031A-54	Sequence 54, Appl	1818	15	0.2	23	1	US-09-263-959-493	Sequence 493, Ap
c1746	15	0.2	15	1	US-10-352-704-10	Sequence 10, Appl	1819	15	0.2	23	1	US-09-093-972C-953	Sequence 953, Ap
1747	15	0.2	15	1	US-10-154-890-17	Sequence 16, Appl	c1820	15	0.2	23	1	US-09-911-904-105	Sequence 105, Ap
c1748	15	0.2	15	1	US-10-154-890-18	Sequence 17, Appl	1821	15	0.2	23	1	US-09-864-636A-2161	Sequence 2161, Ap
1749	15	0.2	15	1	US-10-431-438-5	Sequence 5, Appl1	1822	15	0.2	23	1	US-09-844-661A-79	Sequence 79, Appl
1750	15	0.2	15	1	US-10-091-231-2	Sequence 2, Appl1	c1823	15	0.2	23	1	US-09-844-661A-82	Sequence 82, Appl
1751	15	0.2	15	1	US-10-384-450-5	Sequence 5, Appl1	c1824	15	0.2	23	1	US-09-961-566A-166	Sequence 166, Ap
1752	15	0.2	15	1	US-10-371-218A-5	Sequence 5, Appl1	1825	15	0.2	23	1	US-09-864-426A-2161	Sequence 2161, Ap
1753	15	0.2	15	1	US-10-045-674-632	Sequence 632, App	1826	15	0.2	23	1	US-10-380-533-53	Sequence 53, Appl
1754	15	0.2	15	1	US-10-456-573-5	Sequence 5, Appl1	1827	15	0.2	23	1	US-10-072-012-986	Sequence 986, App
1755	15	0.2	15	1	US-10-360-275-10	Sequence 10, Appl	c1828	15	0.2	23	1	US-10-344-815-20	Sequence 20, Appl
1756	15	0.2	15	1	US-10-344-092-2	Sequence 2, Appl1	1829	15	0.2	23	1	US-10-384-491-59	Sequence 59, Appl
1757	15	0.2	15	1	US-10-785-116-5	Sequence 5, Appl1	c1831	15	0.2	23	1	US-10-007-607-3	Sequence 3, Appl1
1758	15	0.2	16	1	US-09-739-928-3	Sequence 3, Appl1	1830	15	0.2	23	1	US-10-085-906-527	Sequence 527, App
1759	15	0.2	16	1	US-09-739-928-4	Sequence 4, Appl1	c1832	15	0.2	23	1	US-10-340-583-23	Sequence 23, Appl
1760	15	0.2	16	1	US-09-739-928-5	Sequence 5, Appl1	c1833	15	0.2	23	1	US-10-340-778-23	Sequence 23, Appl
1761	15	0.2	16	1	US-09-739-928-6	Sequence 6, Appl1	c1834	15	0.2	23	1	US-10-340-581-53	Sequence 23, Appl
1762	15	0.2	16	1	US-09-739-928-7	Sequence 7, Appl1	c1835	15	0.2	23	1	US-10-340-582-23	Sequence 23, Appl
1763	15	0.2	16	1	US-09-739-928-8	Sequence 8, Appl1	c1836	15	0.2	23	1	US-10-340-693-23	Sequence 23, Appl
c1764	15	0.2	16	1	US-09-894-159-64	Sequence 64, Appl	c1837	15	0.2	23	1	US-10-340-633-23	Sequence 23, Appl
1765	15	0.2	16	1	US-10-227-001-20	Sequence 20, Appl	c1838	15	0.2	23	1	US-10-340-813-23	Sequence 23, Appl
c1766	15	0.2	16	1	US-10-164-915-2	Sequence 2, Appl1	c1839	15	0.2	23	1	US-10-340-650-23	Sequence 23, Appl
c1767	15	0.2	17	1	US-09-866-108-1537	Sequence 1537, Ap	c1840	15	0.2	23	1	US-10-166-412-20	Sequence 20, Appl
c1768	15	0.2	17	1	US-09-866-108-1538	Sequence 1538, Ap	1841	15	0.2	23	1	US-10-087-229-15	Sequence 15, Appl
c1769	15	0.2	17	1	US-09-866-108-1539	Sequence 1539, Ap	1842	15	0.2	23	1	US-10-106-749-6	Sequence 6, Appl1
1770	15	0.2	17	1	US-09-090-672B-105	Sequence 105, App	1843	15	0.2	23	1	US-10-222-943A-15	Sequence 15, Appl
1771	15	0.2	17	1	US-09-090-672B-107	Sequence 107, App	1844	15	0.2	24	1	US-10-216-122-151	Sequence 12, Appl
1772	15	0.2	17	1	US-09-730-559B-107	Sequence 107, App	1845	15	0.2	24	1	US-09-828-034-12	Sequence 387, App
1773	15	0.2	17	1	US-09-730-559B-109	Sequence 109, App	c1846	15	0.2	24	1	US-10-205-532-82	Sequence 82, Appl
1774	15	0.2	17	1	US-10-380-254-3	Sequence 3, Appl1	1847	15	0.2	24	1	US-10-057-834A-41	Sequence 41, Appl
1775	15	0.2	17	1	US-10-380-254-4	Sequence 4, Appl1	c1848	15	0.2	24	1	US-09-923-246-39	Sequence 39, Appl
1776	15	0.2	17	1	US-10-398-885A-2	Sequence 2, Appl1	1849	15	0.2	26	1	US-09-092-296-10	Sequence 39, Appl
1777	15	0.2	17	1	US-10-398-885A-3	Sequence 3, Appl1	1850	15	0.2	26	1	US-10-295-723-39	Sequence 39, Appl
1778	15	0.2	17	1	US-10-398-885A-18	Sequence 18, Appl	1851	15	0.2	26	1	US-10-659-684-39	Sequence 39, Appl
1779	15	0.2	17	1	US-10-398-877-19	Sequence 19, Appl	c1852	15	0.2	26	1		
1780	15	0.2	17	1	US-09-927-046-2114	Sequence 2114, Ap	1853	15	0.2	24	1	US-10-057-834A-41	Sequence 41, Appl
1781	15	0.2	17	1	US-09-927-046-2115	Sequence 2115, Ap	1854	15	0.2	24	1	US-09-923-246-39	Sequence 39, Appl
1782	15	0.2	17	1	US-10-291-808-63	Sequence 63, Appl	c1855	15	0.2	26	1	US-09-092-296-10	Sequence 39, Appl
1783	15	0.2	17	1	US-10-408-025-5	Sequence 522, App	c1856	15	0.2	26	1	US-10-295-723-39	Sequence 39, Appl
1784	15	0.2	17	1	US-10-156-306-522	Sequence 523, App	c1857	15	0.2	26	1		
1785	15	0.2	17	1	US-10-156-306-523	Sequence 523, App	c1858	15	0.2	26	1	US-10-659-684-39	Sequence 39, Appl

1859	15	0.2	30	1	US-09-927-777A-68	Sequence 68, Appl	1932	14.8	0.2	20	1	US-10-216-098-9	Sequence 9, Appl1
1860	15	0.2	30	1	US-10-008-978-68	Sequence 68, Appl	c1933	14.8	0.2	20	1	US-10-103-078-9	Sequence 9, Appl1
1861	15	0.2	30	1	US-10-266-983-68	Sequence 68, Appl	1934	14.8	0.2	20	1	US-10-331-907-288	Sequence 288, App
1862	15	0.2	31	1	US-10-194-138-14	Sequence 14, Appl	c1935	14.8	0.2	20	1	US-10-058-597-13	Sequence 13, Appl
1863	14.8	0.2	18	1	US-08-591-486B-149	Sequence 149, App	1936	14.8	0.2	20	1	US-10-168-988-40	Sequence 40, Appl
c1864	14.8	0.2	18	1	US-09-280-030-28	Sequence 28, Appl	c1937	14.8	0.2	20	1	US-10-080-979-50	Sequence 50, Appl1
1865	14.8	0.2	18	1	US-09-969-373-4130	Sequence 4130, Ap	c1938	14.8	0.2	20	1	US-10-430-196-97	Sequence 97, Appl
1866	14.8	0.2	18	1	US-09-263-959-716	Sequence 716, App	1939	14.8	0.2	20	1	US-10-448-838-146	Sequence 146, App
c1867	14.8	0.2	18	1	US-09-961-077-1169	Sequence 1169, Ap	c1940	14.8	0.2	20	1	US-10-147-196-114	Sequence 114, App
1868	14.8	0.2	18	1	US-09-500-700-68	Sequence 68, Appl	1941	14.8	0.2	20	1	US-10-396-122-28	Sequence 28, Appl
1869	14.8	0.2	18	1	US-09-968-122-9	Sequence 9, Appl1	c1942	14.8	0.2	20	1	US-10-388-262-650	Sequence 650, App
1870	14.8	0.2	18	1	US-09-132-331-23	Sequence 23, Appl	c1943	14.8	0.2	20	1	US-10-174-175-26	Sequence 26, Appl
c1872	14.8	0.2	18	1	US-09-825-566-56	Sequence 56, Appl	1944	14.8	0.2	20	1	US-10-174-175-61	Sequence 61, Appl
1873	14.8	0.2	18	1	US-10-282-174-18	Sequence 18, Appl	c1945	14.8	0.2	20	1	US-10-175-239-29	Sequence 29, Appl
c1874	14.8	0.2	18	1	US-10-188-404-32	Sequence 32, Appl	1946	14.8	0.2	20	1	US-10-175-239-64	Sequence 64, Appl
1875	14.8	0.2	18	1	US-10-188-404-33	Sequence 33, Appl	1947	14.8	0.2	20	1	US-10-175-499-12	Sequence 12, Appl
1876	14.8	0.2	18	1	US-10-314-405-45	Sequence 45, Appl	1948	14.8	0.2	20	1	US-10-175-499-30	Sequence 30, Appl
1877	14.8	0.2	18	1	US-10-424-211-46	Sequence 46, Appl	1949	14.8	0.2	20	1	US-10-448-914A-146	Sequence 146, App
c1878	14.8	0.2	18	1	US-10-349-143-6054	Sequence 6054, Ap	c1950	14.8	0.2	20	1	US-10-186-157-81	Sequence 81, Appl
c1879	14.8	0.2	18	1	US-10-349-143-11203	Sequence 11203, A	c1951	14.8	0.2	20	1	US-10-349-143-7819	Sequence 7819, Ap
c1880	14.8	0.2	18	1	US-10-203-295-26	Sequence 26, Appl	c1952	14.8	0.2	20	1	US-10-402-088-16	Sequence 16, Appl
1881	14.8	0.2	18	1	US-10-240-126-56	Sequence 56, Appl	c1953	14.8	0.2	20	1	US-10-452-510-150	Sequence 150, App
1882	14.8	0.2	19	1	US-09-791-932-170	Sequence 170, App	1954	14.8	0.2	20	1	US-10-289-765-4204	Sequence 4204, Ap
c1883	14.8	0.2	19	1	US-10-252-155-72	Sequence 72, Appl	c1955	14.8	0.2	20	1	US-10-400-985-9	Sequence 9, Appl1
1884	14.8	0.2	19	1	US-10-251-117-247	Sequence 247, App	1956	14.8	0.2	20	1	US-10-447-136-158	Sequence 158, App
c1885	14.8	0.2	19	1	US-10-225-023-49	Sequence 49, App	c1957	14.8	0.2	20	1	US-10-402-072A-16	Sequence 16, Appl
c1886	14.8	0.2	19	1	US-10-225-023-49	Sequence 49, App	1958	14.8	0.2	20	1	US-10-211-179-44	Sequence 44, Appl
c1887	14.8	0.2	19	1	US-10-225-023-75	Sequence 75, Appl	1959	14.8	0.2	20	1	US-10-211-179-103	Sequence 103, App
1888	14.8	0.2	19	1	US-10-225-023-787	Sequence 787, App	c1960	14.8	0.2	20	1	US-10-274-088-20	Sequence 20, Appl
1889	14.8	0.2	19	1	US-10-225-023-813	Sequence 813, App	c1961	14.8	0.2	20	1	US-10-274-088-132	Sequence 132, Appl
c1890	14.8	0.2	19	1	US-10-173-240-7	Sequence 7, Appl1	c1962	14.8	0.2	20	1	US-10-415-228-3	Sequence 3, Appl1
1891	14.8	0.2	19	1	US-10-349-143-5817	Sequence 5817, Ap	c1963	14.8	0.2	20	1	US-10-280-183A-204	Sequence 204, App
1892	14.8	0.2	19	1	US-10-206-705-68	Sequence 68, Appl	1964	14.8	0.2	20	1	US-10-280-183A-396	Sequence 396, App
c1893	14.8	0.2	19	1	US-10-206-705-253	Sequence 253, App	1965	14.8	0.2	20	1	US-10-280-183A-400	Sequence 400, App
c1894	14.8	0.2	19	1	US-10-444-795B-737	Sequence 737, App	c1966	14.8	0.2	20	1	US-10-293-864-33	Sequence 33, Appl
1895	14.8	0.2	19	1	US-10-444-795B-738	Sequence 738, App	c1967	14.8	0.2	20	1	US-10-293-864-110	Sequence 110, App
c1896	14.8	0.2	19	1	US-10-665-951-1729	Sequence 1729, Ap	1968	14.8	0.2	20	1	US-10-293-998-40	Sequence 40, Appl
1897	14.8	0.2	19	1	US-10-665-951-1976	Sequence 1976, Ap	c1969	14.8	0.2	20	1	US-10-293-998-75	Sequence 75, Appl
c1898	14.8	0.2	19	1	US-10-474-81A-34	Sequence 34, Appl	1970	14.8	0.2	20	1	US-10-298-954-32	Sequence 32, Appl
c1899	14.8	0.2	20	1	US-09-800-629A-28	Sequence 28, Appl	c1971	14.8	0.2	20	1	US-10-298-954-63	Sequence 63, Appl
1900	14.8	0.2	20	1	US-09-814-777A-69	Sequence 69, Appl	1972	14.8	0.2	20	1	US-10-300-424-55	Sequence 55, Appl
c1901	14.8	0.2	20	1	US-09-974-546-62	Sequence 62, Appl	c1973	14.8	0.2	20	1	US-10-300-611-60	Sequence 60, Appl
1902	14.8	0.2	20	1	US-09-784-674-735	Sequence 735, App	1974	14.8	0.2	20	1	US-10-671-074-19	Sequence 19, Appl
c1903	14.8	0.2	20	1	US-09-919-197-68	Sequence 68, Appl	1975	14.8	0.2	20	1	US-10-671-074-99	Sequence 99, Appl
1904	14.8	0.2	20	1	US-09-920-033-114	Sequence 114, App	c1976	14.8	0.2	20	1	US-10-303-325-36	Sequence 36, Appl
c1905	14.8	0.2	20	1	US-09-953-318-55	Sequence 55, Appl	c1977	14.8	0.2	20	1	US-10-303-325-112	Sequence 112, App
c1906	14.8	0.2	20	1	US-10-403-676-179	Sequence 179, App	1978	14.8	0.2	20	1	US-10-303-329-21	Sequence 21, Appl
1907	14.8	0.2	20	1	US-10-072-012-1278	Sequence 1278, Ap	1979	14.8	0.2	20	1	US-10-303-329-22	Sequence 22, Appl
c1908	14.8	0.2	20	1	US-10-210-172-267	Sequence 267, App	c1981	14.8	0.2	20	1	US-10-688-706-369	Sequence 369, App
1909	14.8	0.2	20	1	US-10-665-216-44	Sequence 44, Appl	c1982	14.8	0.2	20	1	US-10-688-706-370	Sequence 370, App
1910	14.8	0.2	20	1	US-10-617-314-150	Sequence 150, App	c1983	14.8	0.2	20	1	US-10-688-706-600	Sequence 600, App
c1911	14.8	0.2	20	1	US-09-923-517-97	Sequence 97, Appl	c1984	14.8	0.2	20	1	US-10-688-706-997	Sequence 997, App
c1912	14.8	0.2	20	1	US-10-683-386-36	Sequence 36, Appl	c1985	14.8	0.2	20	1	US-10-688-706-1539	Sequence 1539, Ap
c1913	14.8	0.2	20	1	US-10-683-386-42	Sequence 42, Appl	1986	14.8	0.2	20	1	US-10-688-706-1996	Sequence 1906, Ap
1914	14.8	0.2	20	1	US-10-144-488-75	Sequence 75, Appl	1987	14.8	0.2	20	1	US-10-376-770-241	Sequence 241, App
c1915	14.8	0.2	20	1	US-10-160-787-55	Sequence 55, Appl	1988	14.8	0.2	20	1	US-10-316-516-80	Sequence 80, Appl
c1916	14.8	0.2	20	1	US-10-446-373-55	Sequence 55, Appl	c1989	14.8	0.2	20	1	US-10-316-516-130	Sequence 130, App
1918	14.8	0.2	20	1	US-10-388-360-179	Sequence 179, App	c1990	14.8	0.2	20	1	US-10-317-803-101	Sequence 101, App
c1919	14.8	0.2	20	1	US-10-116-949-21	Sequence 21, Appl	c1991	14.8	0.2	20	1	US-10-679-533-28	Sequence 28, Appl
1920	14.8	0.2	20	1	US-10-085-906-368	Sequence 368, App	1992	14.8	0.2	20	1	US-10-671-395-17	Sequence 17, Appl
c1921	14.8	0.2	20	1	US-10-209-608-36	Sequence 36, Appl	1993	14.8	0.2	20	1	US-10-671-395-25	Sequence 25, Appl
1922	14.8	0.2	20	1	US-10-209-608-42	Sequence 42, Appl	1994	14.8	0.2	20	1	US-10-671-395-100	Sequence 100, App
c1923	14.8	0.2	20	1	US-10-188-404-39	Sequence 39, Appl	c1995	14.8	0.2	20	1	US-10-728-399-4	Sequence 4, Appl1
1924	14.8	0.2	20	1	US-10-188-404-48	Sequence 48, Appl	c1996	14.8	0.2	20	1	US-10-728-399-10	Sequence 10, Appl
c1925	14.8	0.2	20	1	US-10-006-883A-40	Sequence 40, Appl	1997	14.8	0.2	20	1	US-10-661-165-241	Sequence 241, Appl
1926	14.8	0.2	20	1	US-10-007-010-82	Sequence 82, Appl	c1998	14.8	0.2	20	1	US-10-684-440-17	Sequence 17, Appl
1927	14.8	0.2	20	1	US-10-002-623-106	Sequence 106, App	1999	14.8	0.2	20	1	US-10-684-440-50	Sequence 50, Appl
1928	14.8	0.2	20	1	US-10-002-623-127	Sequence 127, App	c2000	14.8	0.2	20	1	US-10-780-433-50	Sequence 50, Appl
1929	14.8	0.2	20	1	US-10-017-621-46	Sequence 46, Appl	c2001	14.8	0.2	20	1	US-10-744-465-150	Sequence 150, App
1930	14.8	0.2	20	1	US-10-334-703-28	Sequence 28, Appl	2002	14.8	0.2	20	1	US-10-375-715A-3	Sequence 3, Appl1
1931	14.8	0.2	20	1	US-10-067-148-9	Sequence 9, Appl1	c2003	14.8	0.2	20	1	US-10-619-733-1619	Sequence 1619, Ap
							c2004	14.8	0.2	20	1	US-10-833-679-150	Sequence 150, App

C2005	14.8	0.2	21	1	US-09-065-0040-6	Sequence 6, Appli	C2078	14.8	0.2	26	1	US-10-143-266-2	Sequence 2, Appli
2006	14.8	0.2	21	1	US-09-776-874A-17	Sequence 17, Appl	C2079	14.8	0.2	26	1	US-10-053-883-53	Sequence 53, Appl
2007	14.8	0.2	21	1	US-09-898-779-9	Sequence 9, Appli	C2080	14.8	0.2	26	1	US-10-295-723-38	Sequence 38, Appl
2008	14.8	0.2	21	1	US-09-851-501-44	Sequence 44, Appl	C2081	14.8	0.2	26	1	US-10-639-684-38	Sequence 38, Appl
2009	14.8	0.2	21	1	US-09-986-632-24	Sequence 24, Appl	2082	14.8	0.2	27	1	US-09-263-959-524	Sequence 524, App
C2010	14.8	0.2	21	1	US-09-780-929-103	Sequence 103, App	C2083	14.8	0.2	30	1	US-10-369-0368-42	Sequence 42, Appl
2011	14.8	0.2	21	1	US-09-988-113-17	Sequence 17, Appl	2084	14.6	0.2	15	1	US-10-176-646A-18	Sequence 18, Appl
2012	14.8	0.2	21	1	US-09-853-450-60	Sequence 60, Appl	2085	14.6	0.2	21	1	US-09-912-014-2	Sequence 2, Appli
2013	14.8	0.2	21	1	US-09-877-478-10	Sequence 10, Appl	2086	14.6	0.2	21	1	US-10-371-066-2	Sequence 2, Appli
2014	14.8	0.2	21	1	US-09-877-478-10	Sequence 21, Appl	2087	14.6	0.2	21	1	US-10-170-172-2	Sequence 188, App
2015	14.8	0.2	21	1	US-09-791-190A-21	Sequence 22, Appl	C2088	14.6	0.2	21	1	US-10-410-031-188	Sequence 11, Appl
C2016	14.8	0.2	21	1	US-09-791-190A-22	Sequence 25, Appl	C2089	14.6	0.2	21	1	US-09-187-289-11	Sequence 12, Appl
2017	14.8	0.2	21	1	US-09-989-534-25	Sequence 1, Appli	2090	14.6	0.2	21	1	US-09-863-693-10	Sequence 10, Appl
2018	14.8	0.2	21	1	US-09-850-081-1	Sequence 58, Appl	2091	14.6	0.2	21	1	US-09-863-693-10	Sequence 53, Appl
2019	14.8	0.2	21	1	US-10-380-195A-58	Sequence 12, Appl	C2092	14.6	0.2	21	1	US-09-948-570-53	Sequence 3, Appli
C2020	14.8	0.2	21	1	US-10-042-865-244	Sequence 244, App	2093	14.6	0.2	21	1	US-09-944-326-3	Sequence 4112, Ap
2021	14.8	0.2	21	1	US-10-633-894-12	Sequence 55, Appl	C2094	14.6	0.2	21	1	US-09-969-373-112	Sequence 807, App
2022	14.8	0.2	21	1	US-10-380-902-10	Sequence 10, Appl	2095	14.6	0.2	21	1	US-09-263-959-807	Sequence 982, App
2023	14.8	0.2	21	1	US-10-092-771-38	Sequence 38, Appl	C2096	14.6	0.2	21	1	US-09-263-959-892	Sequence 969, App
2024	14.8	0.2	21	1	US-10-142-722-44	Sequence 44, Appli	C2097	14.6	0.2	21	1	US-09-943-388-35	Sequence 35, Appl
2025	14.8	0.2	21	1	US-10-243-035-6	Sequence 6, Appli	C2098	14.6	0.2	21	1	US-09-805-761-53	Sequence 53, Appl
C2026	14.8	0.2	21	1	US-10-243-035-9	Sequence 9, Appli	C2100	14.6	0.2	21	1	US-09-766-450-90	Sequence 53, Appl
2027	14.8	0.2	21	1	US-10-306-292-21	Sequence 21, Appl	C2101	14.6	0.2	21	1	US-09-932-300-14	Sequence 14, Appl
2028	14.8	0.2	21	1	US-10-184-085A-638	Sequence 638, App	C2102	14.6	0.2	21	1	US-09-998-027-181	Sequence 181, App
2029	14.8	0.2	21	1	US-10-341-582-17	Sequence 17, Appl	2103	14.6	0.2	21	1	US-09-967-726A-3	Sequence 3, Appli
2030	14.8	0.2	21	1	US-10-384-451-17	Sequence 15, Appl	2104	14.6	0.2	21	1	US-09-373-003-10	Sequence 10, Appl
2031	14.8	0.2	21	1	US-10-093-311-15	Sequence 17, Appl	2105	14.6	0.2	21	1	US-10-416-090-19	Sequence 19, Appl
2032	14.8	0.2	21	1	US-10-384-450-17	Sequence 17, Appl	C2106	14.6	0.2	21	1	US-10-467-721-39	Sequence 39, Appl
2033	14.8	0.2	21	1	US-10-371-218A-17	Sequence 44, Appl	C2107	14.6	0.2	21	1	US-10-467-721-39	Sequence 6, Appli
2034	14.8	0.2	21	1	US-10-300-683-44	Sequence 17, Appl	C2108	14.6	0.2	21	1	US-10-156-995-155	Sequence 155, App
2035	14.8	0.2	21	1	US-10-456-573-17	Sequence 4, Appli	2109	14.6	0.2	21	1	US-10-325-810-507	Sequence 507, App
C2036	14.8	0.2	21	1	US-10-374-686-4	Sequence 838, App	2110	14.6	0.2	21	1	US-10-252-155-556	Sequence 556, App
2037	14.8	0.2	21	1	US-10-349-143-838	Sequence 7056, Ap	C2111	14.6	0.2	21	1	US-10-252-155-556	Sequence 557, App
2038	14.8	0.2	21	1	US-10-210-130-293	Sequence 293, App	C2112	14.6	0.2	21	1	US-10-252-155-556	Sequence 594, App
C2039	14.8	0.2	21	1	US-10-055-565B-108	Sequence 108, App	2113	14.6	0.2	21	1	US-10-085-906-446	Sequence 446, App
2040	14.8	0.2	21	1	US-10-444-795B-739	Sequence 739, App	C2114	14.6	0.2	21	1	US-10-085-906-446	Sequence 543, App
C2041	14.8	0.2	21	1	US-10-444-795B-739	Sequence 740, App	2116	14.6	0.2	21	1	US-10-143-437-10	Sequence 10, Appl
C2042	14.8	0.2	21	1	US-10-646-436-52	Sequence 52, Appl	C2117	14.6	0.2	21	1	US-10-184-722-9	Sequence 9, Appli
2043	14.8	0.2	21	1	US-10-669-841-10	Sequence 10, Appl	2118	14.6	0.2	21	1	US-10-044-632-774	Sequence 274, App
2044	14.8	0.2	21	1	US-10-785-116-17	Sequence 52, Appl	2119	14.6	0.2	21	1	US-10-044-632-774	Sequence 274, App
2045	14.8	0.2	21	1	US-09-769-864-52	Sequence 52, Appl	C2120	14.6	0.2	21	1	US-10-005-956-350	Sequence 350, App
C2046	14.8	0.2	22	1	US-09-893-238-50	Sequence 50, Appl	2121	14.6	0.2	21	1	US-10-005-956-350	Sequence 351, App
2047	14.8	0.2	22	1	US-09-949-427-349	Sequence 349, App	C2122	14.6	0.2	21	1	US-10-242-822B-30	Sequence 30, Appl
C2048	14.8	0.2	22	1	US-09-902-176A-29	Sequence 29, Appl	2123	14.6	0.2	21	1	US-10-184-085A-365	Sequence 365, App
2049	14.8	0.2	22	1	US-09-864-636A-1899	Sequence 1899, Ap	C2124	14.6	0.2	21	1	US-10-184-085A-365	Sequence 677, App
2050	14.8	0.2	22	1	US-09-864-636A-1899	Sequence 1899, Ap	2125	14.6	0.2	21	1	US-10-340-097-103	Sequence 103, App
C2051	14.8	0.2	22	1	US-09-927-87C-62	Sequence 62, Appl	C2126	14.6	0.2	21	1	US-10-253-967-22	Sequence 22, Appl
C2052	14.8	0.2	22	1	US-09-864-426A-1899	Sequence 1899, Ap	C2127	14.6	0.2	21	1	US-10-253-967-25	Sequence 25, Appl
2053	14.8	0.2	22	1	US-10-457-047-62	Sequence 62, Appl	C2128	14.6	0.2	21	1	US-10-080-794-3	Sequence 3, Appli
C2054	14.8	0.2	22	1	US-10-639-491-12	Sequence 12, Appl	2129	14.6	0.2	21	1	US-10-336-215-96	Sequence 96, Appl
2055	14.8	0.2	22	1	US-10-639-491-12	Sequence 296, App	C2130	14.6	0.2	21	1	US-10-336-215-103	Sequence 103, App
2057	14.8	0.2	22	1	US-10-665-667-52	Sequence 52, Appl	2131	14.6	0.2	21	1	US-10-336-215-103	Sequence 96, Appl
C2058	14.8	0.2	22	1	US-10-655-847-5	Sequence 5, Appli	C2132	14.6	0.2	21	1	US-10-336-219-96	Sequence 103, App
C2059	14.8	0.2	22	1	US-09-949-428-349	Sequence 349, App	2133	14.6	0.2	21	1	US-10-336-219-103	Sequence 181, App
2060	14.8	0.2	22	1	US-10-126-103-218	Sequence 218, App	2134	14.6	0.2	21	1	US-10-108-260A-4958	Sequence 4958, Ap
C2061	14.8	0.2	22	1	US-10-160-807-5	Sequence 5, Appli	C2135	14.6	0.2	21	1	US-10-349-143-8263	Sequence 8263, Ap
C2062	14.8	0.2	22	1	US-10-084-839-1899	Sequence 1899, Ap	2136	14.6	0.2	21	1	US-10-349-143-8263	Sequence 8263, Ap
2063	14.8	0.2	22	1	US-10-084-839-1899	Sequence 1899, Ap	C2137	14.6	0.2	21	1	US-10-349-143-8263	Sequence 10294, A
2064	14.8	0.2	22	1	US-10-025-806-231	Sequence 231, Appl	2138	14.6	0.2	21	1	US-10-349-143-8263	Sequence 10294, A
C2065	14.8	0.2	22	1	US-10-360-149-62	Sequence 62, Appl	2139	14.6	0.2	21	1	US-10-349-143-8263	Sequence 10294, A
2067	14.8	0.2	22	1	US-10-210-130-237	Sequence 237, App	2140	14.6	0.2	21	1	US-10-349-143-8263	Sequence 10294, A
2068	14.8	0.2	22	1	US-10-210-130-240	Sequence 240, App	C2141	14.6	0.2	21	1	US-10-349-143-8263	Sequence 10294, A
2069	14.8	0.2	22	1	US-10-435-696-246	Sequence 246, App	C2142	14.6	0.2	21	1	US-10-115-479-130	Sequence 130, App
2070	14.8	0.2	22	1	US-10-435-696-246	Sequence 246, App	2143	14.6	0.2	21	1	US-10-380-584-123	Sequence 123, App
C2071	14.8	0.2	24	1	US-10-309-775A-23	Sequence 23, Appl	2144	14.6	0.2	21	1	US-10-298-228-57	Sequence 57, Appl
C2072	14.8	0.2	26	1	US-09-922-480-7	Sequence 7, Appli	2145	14.6	0.2	21	1	US-10-258-828-6	Sequence 6, Appli
C2073	14.8	0.2	26	1	US-09-923-236-7	Sequence 7, Appli	2146	14.6	0.2	21	1	US-10-646-531A-3	Sequence 315, App
C2074	14.8	0.2	26	1	US-09-923-236-7	Sequence 38, Appl	C2147	14.6	0.2	21	1	US-10-646-531A-3	Sequence 315, App
C2075	14.8	0.2	26	1	US-09-920-342-38	Sequence 3, Appli	C2148	14.6	0.2	21	1	US-10-315-218-7	Sequence 7, Appli
C2076	14.8	0.2	26	1	US-09-922-469-7	Sequence 7, Appli	C2149	14.6	0.2	21	1	US-10-605-498-72	Sequence 72, Appl
C2077	14.8	0.2	26	1	US-09-949-305B-4	Sequence 4, Appli	C2150	14.6	0.2	21	1	US-10-333-449A-15	Sequence 15, Appl

2151	14.6	0.2	21	1	US-10-425-006B-12	Sequence 12, Appl	2224	14.6	0.2	25	1	US-09-866-108-13467	Sequence 13467, A
2152	14.6	0.2	21	1	US-10-699-557-195	Sequence 195, App	2225	14.6	0.2	27	1	US-10-723-361-13467	Sequence 13467, A
C2153	14.6	0.2	22	1	US-09-784-423-95	Sequence 95, Appl	C2226	14.6	0.2	25	1	US-10-418-189-1148	Sequence 148, App
2154	14.6	0.2	22	1	US-09-809-942A-6	Sequence 6, Appl1	2227	14.6	0.2	31	1	US-09-927-777A-69	Sequence 69, Appl
2155	14.6	0.2	22	1	US-09-789-697A-9	Sequence 9, Appl1	2228	14.6	0.2	31	1	US-10-008-978-69	Sequence 69, Appl
2156	14.6	0.2	22	1	US-09-068-817-5	Sequence 5, Appl1	2229	14.6	0.2	31	1	US-10-266-983-69	Sequence 69, Appl
2157	14.6	0.2	22	1	US-09-969-373-3366	Sequence 3366, Ap	2230	14.4	0.2	16	1	US-10-480-276-33	Sequence 33, Appl
2158	14.6	0.2	22	1	US-09-995-912-3	Sequence 3, Appl1	C2231	14.4	0.2	17	1	US-09-866-108-2193	Sequence 2193, Ap
2159	14.6	0.2	22	1	US-09-454-495-7	Sequence 7, Appl1	C2232	14.4	0.2	17	1	US-09-866-108-2568	Sequence 2568, Ap
C2160	14.6	0.2	22	1	US-09-780-668A-31	Sequence 31, Appl	C2233	14.4	0.2	17	1	US-09-866-108-2659	Sequence 2659, Ap
C2161	14.6	0.2	22	1	US-09-263-959-1074	Sequence 1074, Ap	C2234	14.4	0.2	17	1	US-09-866-108-2658	Sequence 7981, Ap
2162	14.6	0.2	22	1	US-09-739-909-23	Sequence 23, Appl	C2235	14.4	0.2	17	1	US-09-866-108-7981	Sequence 7982, Ap
2163	14.6	0.2	22	1	US-09-766-450-24	Sequence 24, Appl	C2236	14.4	0.2	17	1	US-09-866-108-7982	Sequence 22, Appl
2164	14.6	0.2	22	1	US-09-995-898A-47	Sequence 47, Appl	C2237	14.4	0.2	17	1	US-09-864-785-122	Sequence 1434, Ap
C2165	14.6	0.2	22	1	US-09-938-689-41	Sequence 41, Appl	C2238	14.4	0.2	17	1	US-09-864-785-1434	Sequence 2654, Ap
2166	14.6	0.2	22	1	US-09-232-785-170	Sequence 170, App	2239	14.4	0.2	17	1	US-09-818-875-2654	Sequence 2655, Ap
2167	14.6	0.2	22	1	US-09-770-107-68	Sequence 68, Appl	C2240	14.4	0.2	17	1	US-09-818-875-2655	Sequence 2656, Ap
C2168	14.6	0.2	22	1	US-09-927-121B-47	Sequence 47, Appl	2241	14.4	0.2	17	1	US-09-818-875-2658	Sequence 2657, Ap
2169	14.6	0.2	22	1	US-09-776-479-908	Sequence 908, App	C2242	14.4	0.2	17	1	US-09-818-875-2659	Sequence 2658, Ap
2170	14.6	0.2	22	1	US-09-776-479-908	Sequence 908, App	2243	14.4	0.2	17	1	US-09-818-875-2662	Sequence 2659, Ap
C2171	14.6	0.2	22	1	US-09-923-327-145	Sequence 145, App	C2244	14.4	0.2	17	1	US-09-818-875-2663	Sequence 3603, Ap
C2172	14.6	0.2	22	1	US-10-380-533-66	Sequence 66, Appl	2245	14.4	0.2	17	1	US-09-848-754A-3502	Sequence 3603, Ap
C2173	14.6	0.2	22	1	US-10-114-270-297	Sequence 297, App	C2246	14.4	0.2	17	1	US-09-930-423-313	Sequence 313, App
C2174	14.6	0.2	22	1	US-10-210-281-184	Sequence 184, App	C2247	14.4	0.2	17	1	US-09-940-333-1995	Sequence 1995, Ap
2175	14.6	0.2	22	1	US-10-403-676-155	Sequence 155, App	2248	14.4	0.2	17	1	US-09-740-335-2560	Sequence 2560, Ap
2176	14.6	0.2	22	1	US-10-420-034A-47	Sequence 47, Appl	2249	14.4	0.2	17	1	US-09-792-818-383	Sequence 383, App
C2177	14.6	0.2	22	1	US-10-072-012-1065	Sequence 1065, Ap	2250	14.4	0.2	17	1	US-09-792-818-383	Sequence 385, App
2178	14.6	0.2	22	1	US-10-092-900A-718	Sequence 718, App	C2251	14.4	0.2	17	1	US-09-792-818-385	Sequence 385, App
2179	14.6	0.2	22	1	US-09-874-991C-616	Sequence 616, App	2252	14.4	0.2	17	1	US-09-792-818-524	Sequence 524, App
2180	14.6	0.2	22	1	US-10-335-977-9996	Sequence 9996, Ap	C2253	14.4	0.2	17	1	US-09-792-818-616	Sequence 616, App
2181	14.6	0.2	22	1	US-09-771-355-6	Sequence 6, Appl1	C2254	14.4	0.2	17	1	US-09-745-237A-313	Sequence 313, App
C2182	14.6	0.2	22	1	US-09-861-925-44	Sequence 44, Appl	C2255	14.4	0.2	17	1	US-09-817-879-1995	Sequence 1995, Ap
C2183	14.6	0.2	22	1	US-09-754-106-64	Sequence 64, Appl	2256	14.4	0.2	17	1	US-09-817-879-2560	Sequence 2560, Ap
2184	14.6	0.2	22	1	US-10-314-578-908	Sequence 908, App	2257	14.4	0.2	17	1	US-09-927-046-385	Sequence 385, App
2185	14.6	0.2	22	1	US-10-351-951-97	Sequence 97, Appl	2258	14.4	0.2	17	1	US-10-287-971-298	Sequence 298, App
2186	14.6	0.2	22	1	US-10-428-275-447	Sequence 447, App	2259	14.4	0.2	17	1	US-10-100-252-7	Sequence 7, Appl1
2187	14.6	0.2	22	1	US-10-432-008-19	Sequence 19, Appl	C2260	14.4	0.2	17	1	US-10-060-895A-1586	Sequence 1586, App
2188	14.6	0.2	22	1	US-10-028-415-38	Sequence 38, Appl	2261	14.4	0.2	17	1	US-10-060-895A-1587	Sequence 1587, App
2189	14.6	0.2	22	1	US-10-003-152-36	Sequence 36, Appl	2262	14.4	0.2	17	1	US-10-060-998-694	Sequence 694, App
2190	14.6	0.2	22	1	US-10-002-050-36	Sequence 36, Appl	2263	14.4	0.2	17	1	US-10-060-998-695	Sequence 695, App
2191	14.6	0.2	22	1	US-10-002-304-36	Sequence 36, Appl	2264	14.4	0.2	17	1	US-10-060-998-1054	Sequence 1054, Ap
2192	14.6	0.2	22	1	US-10-112-653-877	Sequence 877, App	2265	14.4	0.2	17	1	US-10-060-998-1055	Sequence 1055, App
2193	14.6	0.2	22	1	US-10-017-995-908	Sequence 908, App	2266	14.4	0.2	17	1	US-10-156-306-520	Sequence 520, App
2194	14.6	0.2	22	1	US-10-152-297-108	Sequence 108, App	2267	14.4	0.2	17	1	US-10-156-306-1490	Sequence 1490, Ap
2195	14.6	0.2	22	1	US-10-068-338-7	Sequence 7, Appl1	2268	14.4	0.2	17	1	US-10-156-306-3466	Sequence 3466, Ap
C2196	14.6	0.2	22	1	US-10-202-107-7	Sequence 7, Appl1	2269	14.4	0.2	17	1	US-10-156-306-3640	Sequence 3640, Ap
C2197	14.6	0.2	22	1	US-10-202-107-7	Sequence 7, Appl1	2270	14.4	0.2	17	1	US-10-156-306-5858	Sequence 5858, Ap
2198	14.6	0.2	22	1	US-10-207-791-6	Sequence 6, Appl1	2271	14.4	0.2	17	1	US-10-238-700-2251	Sequence 251, App
C2199	14.6	0.2	22	1	US-10-002-623-105	Sequence 105, App	C2272	14.4	0.2	17	1	US-10-238-700-2758	Sequence 2758, App
C2200	14.6	0.2	22	1	US-10-002-623-526	Sequence 526, App	2273	14.4	0.2	17	1	US-10-238-700-2911	Sequence 2911, App
C2201	14.6	0.2	22	1	US-10-199-957A-144	Sequence 144, App	2274	14.4	0.2	17	1	US-10-339-782-54	Sequence 54, Appl
C2202	14.6	0.2	22	1	US-10-270-839-75	Sequence 75, Appl	2275	14.4	0.2	17	1	US-10-230-006-1288	Sequence 1288, Ap
2203	14.6	0.2	22	1	US-10-244-90-46	Sequence 46, Appl	2276	14.4	0.2	17	1	US-10-209-787-2654	Sequence 2654, Ap
C2204	14.6	0.2	22	1	US-10-233-032A-44	Sequence 44, Appl	C2277	14.4	0.2	17	1	US-10-209-787-2655	Sequence 2655, Ap
C2205	14.6	0.2	22	1	US-10-334-488-10	Sequence 10, Appl	2278	14.4	0.2	17	1	US-10-209-787-2658	Sequence 2658, Ap
C2206	14.6	0.2	22	1	US-10-032-585-4852	Sequence 4852, Ap	C2279	14.4	0.2	17	1	US-10-209-787-2659	Sequence 2659, Ap
C2207	14.6	0.2	22	1	US-10-025-806-267	Sequence 267, App	2280	14.4	0.2	17	1	US-10-209-787-2662	Sequence 2662, Ap
C2208	14.6	0.2	22	1	US-10-271-602B-66	Sequence 66, Appl	C2281	14.4	0.2	17	1	US-10-209-787-2663	Sequence 2663, Ap
C2209	14.6	0.2	22	1	US-10-388-934-845	Sequence 845, App	C2282	14.4	0.2	17	1	US-10-297-068-622	Sequence 622, App
C2210	14.6	0.2	22	1	US-10-115-479-112	Sequence 112, Appl	2283	14.4	0.2	17	1	US-10-307-005-1367	Sequence 1367, Ap
2211	14.6	0.2	22	1	US-10-374-077-81	Sequence 81, App	C2284	14.4	0.2	17	1	US-10-307-005-1368	Sequence 1368, Ap
C2212	14.6	0.2	22	1	US-10-374-077-88	Sequence 88, Appl	2285	14.4	0.2	17	1	US-10-261-185-2654	Sequence 2654, Ap
C2213	14.6	0.2	22	1	US-10-085-198-436	Sequence 436, App	C2286	14.4	0.2	17	1	US-10-261-185-2655	Sequence 2655, Ap
2214	14.6	0.2	22	1	US-10-041-615-169	Sequence 169, App	2287	14.4	0.2	17	1	US-10-261-185-2658	Sequence 2658, Ap
C2215	14.6	0.2	22	1	US-10-210-130-335	Sequence 335, App	C2288	14.4	0.2	17	1	US-10-261-185-2659	Sequence 2659, Ap
2216	14.6	0.2	22	1	US-10-326-892-5	Sequence 5, Appl1	2289	14.4	0.2	17	1	US-10-261-185-2662	Sequence 2662, Ap
2217	14.6	0.2	22	1	US-10-326-892-5	Sequence 5, Appl1	C2290	14.4	0.2	17	1	US-10-261-185-2663	Sequence 2663, Ap
2218	14.6	0.2	22	1	US-10-182-952A-4	Sequence 4, Appl1	2291	14.4	0.2	17	1	US-10-138-674-1264	Sequence 1264, Ap
2219	14.6	0.2	22	1	US-10-470-700A-40	Sequence 40, Appl	2292	14.4	0.2	17	1	US-10-138-674-1265	Sequence 1265, Ap
2220	14.6	0.2	22	1	US-10-657-740-13	Sequence 13, Appl	C2293	14.4	0.2	17	1	US-10-138-674-1409	Sequence 1409, Ap
2221	14.6	0.2	22	1	US-10-403-142-224	Sequence 224, App	C2294	14.4	0.2	17	1	US-10-138-674-8361	Sequence 8361, Ap
C2222	14.6	0.2	22	1	US-10-620-242A-43	Sequence 43, Appl	2295	14.4	0.2	17	1	US-10-676-154-675	Sequence 675, App
C2223	14.6	0.2	25	1	US-10-480-013-2	Sequence 2, Appl1	2296	14.4	0.2	17	1	US-10-287-949A-1264	Sequence 1264, Ap

2297	14.4	0.2	17	1	US-10-287-949A-1265	Sequence 1265, Ap	2370	14.4	0.2	20	1	US-09-969-373-2962	Sequence 2962, Ap
C2298	14.4	0.2	17	1	US-10-287-949A-1409	Sequence 1409, Ap	2371	14.4	0.2	20	1	US-09-797-779-8	Sequence 8, Appl
C2299	14.4	0.2	17	1	US-10-287-949A-8361	Sequence 8361, Ap	2372	14.4	0.2	20	1	US-09-263-959-596	Sequence 596, Ap
2300	14.4	0.2	17	1	US-10-712-672-169	Sequence 169, App	2373	14.4	0.2	20	1	US-09-964-661-84	Sequence 84, Appl
2301	14.4	0.2	17	1	US-10-712-672-997	Sequence 997, App	C2374	14.4	0.2	20	1	US-09-824-3228-221	Sequence 221, App
C2302	14.4	0.2	17	1	US-10-712-672-3014	Sequence 2014, Ap	C2375	14.4	0.2	20	1	US-09-824-3228-366	Sequence 366, App
C2303	14.4	0.2	17	1	US-10-669-841-4588	Sequence 4588, Ap	2376	14.4	0.2	20	1	US-09-232-785-206	Sequence 206, App
2304	14.4	0.2	17	1	US-10-669-841-5153	Sequence 5153, Ap	2377	14.4	0.2	20	1	US-09-784-674-727	Sequence 727, App
C2305	14.4	0.2	17	1	US-10-723-361-2192	Sequence 2192, Ap	2378	14.4	0.2	20	1	US-09-972-173-33	Sequence 33, Appl
C2306	14.4	0.2	17	1	US-10-723-361-2193	Sequence 2193, Ap	C2379	14.4	0.2	20	1	US-09-296-264-19	Sequence 19, Appl
C2307	14.4	0.2	17	1	US-10-723-361-2668	Sequence 2668, Ap	2380	14.4	0.2	20	1	US-10-637-935-16	Sequence 16, Appl
C2308	14.4	0.2	17	1	US-10-723-361-2669	Sequence 2669, Ap	2381	14.4	0.2	20	1	US-10-637-935-26	Sequence 26, Appl
C2309	14.4	0.2	17	1	US-10-723-361-7981	Sequence 7981, Ap	2382	14.4	0.2	20	1	US-10-637-935-27	Sequence 27, Appl
C2310	14.4	0.2	17	1	US-10-723-361-7982	Sequence 7982, Ap	2383	14.4	0.2	20	1	US-10-407-846-13	Sequence 13, Appl
C2311	14.4	0.2	17	1	US-10-735-592-2	Sequence 2, Appl1	C2384	14.4	0.2	20	1	US-10-407-846-17	Sequence 17, Appl
C2312	14.4	0.2	17	1	US-10-735-592-9	Sequence 9, Appl1	2385	14.4	0.2	20	1	US-10-380-125-50	Sequence 50, Appl
2313	14.4	0.2	17	1	US-10-735-592-15	Sequence 15, Appl	2386	14.4	0.2	20	1	US-10-380-125-51	Sequence 51, Appl
2314	14.4	0.2	17	1	US-10-735-592-16	Sequence 16, Appl	C2387	14.4	0.2	20	1	US-10-181-543-25	Sequence 25, Appl
2315	14.4	0.2	17	1	US-10-735-592-25	Sequence 25, Appl	2388	14.4	0.2	20	1	US-10-282-174-4	Sequence 4, Appl1
2316	14.4	0.2	17	1	US-10-735-592-48	Sequence 48, Appl	2389	14.4	0.2	20	1	US-10-354-748-60	Sequence 60, Appl
2317	14.4	0.2	17	1	US-10-735-592-54	Sequence 54, Appl	2390	14.4	0.2	20	1	US-10-202-189-16	Sequence 16, Appl
2318	14.4	0.2	17	1	US-10-681-074-2654	Sequence 2654, Ap	2391	14.4	0.2	20	1	US-10-202-189-27	Sequence 27, Appl
C2319	14.4	0.2	17	1	US-10-681-074-2655	Sequence 2655, Ap	2392	14.4	0.2	20	1	US-10-202-189-27	Sequence 27, Appl
C2320	14.4	0.2	17	1	US-10-681-074-2658	Sequence 2658, Ap	2393	14.4	0.2	20	1	US-10-085-906-340	Sequence 340, Appl
C2321	14.4	0.2	17	1	US-10-681-074-2659	Sequence 2659, Ap	2394	14.4	0.2	20	1	US-10-205-841-20	Sequence 20, Appl
C2322	14.4	0.2	17	1	US-10-681-074-2659	Sequence 2659, Ap	2395	14.4	0.2	20	1	US-10-226-355-18	Sequence 48, Appl
C2323	14.4	0.2	17	1	US-10-681-074-2663	Sequence 2663, Ap	C2396	14.4	0.2	20	1	US-10-007-010-43	Sequence 43, Appl
2324	14.4	0.2	18	1	US-09-735-787-28	Sequence 28, Appl	C2397	14.4	0.2	20	1	US-10-006-191-129	Sequence 129, App
2325	14.4	0.2	18	1	US-09-942-588A-64	Sequence 64, Appl	2398	14.4	0.2	20	1	US-10-341-550-6	Sequence 6, Appl1
2326	14.4	0.2	18	1	US-09-764-420A-65	Sequence 65, Appl	2399	14.4	0.2	20	1	US-10-218-969-17	Sequence 17, Appl
2327	14.4	0.2	18	1	US-09-764-420A-65	Sequence 65, Appl	C2400	14.4	0.2	20	1	US-10-204-653-15	Sequence 15, Appl
C2328	14.4	0.2	18	1	US-09-969-373-2922	Sequence 2922, Ap	C2401	14.4	0.2	20	1	US-10-053-654A-3	Sequence 3, Appl1
2329	14.4	0.2	18	1	US-09-942-596A-64	Sequence 64, Appl	C2402	14.4	0.2	20	1	US-10-238-442-76	Sequence 76, Appl
C2330	14.4	0.2	18	1	US-09-988-873A-64	Sequence 64, Appl	2403	14.4	0.2	20	1	US-10-407-461-18	Sequence 18, Appl
C2331	14.4	0.2	18	1	US-09-951-061A-81	Sequence 81, Appl	C2404	14.4	0.2	20	1	US-10-407-461-44	Sequence 44, Appl
2332	14.4	0.2	18	1	US-09-942-662A-64	Sequence 64, Appl	C2405	14.4	0.2	20	1	US-10-147-329-17	Sequence 17, Appl
2333	14.4	0.2	18	1	US-10-388-360-284	Sequence 284, App	C2406	14.4	0.2	20	1	US-10-005-344-330	Sequence 330, App
2334	14.4	0.2	18	1	US-10-231-302-64	Sequence 64, Appl	C2407	14.4	0.2	20	1	US-10-094-749-3359	Sequence 3359, Ap
2335	14.4	0.2	18	1	US-10-138-870-28	Sequence 28, Appl	C2408	14.4	0.2	20	1	US-10-094-749-3372	Sequence 3372, Ap
2336	14.4	0.2	18	1	US-10-286-628-24	Sequence 24, Appl	C2409	14.4	0.2	20	1	US-10-403-090-5	Sequence 5, Appl1
2337	14.4	0.2	18	1	US-10-286-628-33	Sequence 33, Appl	C2410	14.4	0.2	20	1	US-10-403-090-23	Sequence 23, Appl
2338	14.4	0.2	18	1	US-10-084-839-2339	Sequence 2339, Ap	C2411	14.4	0.2	20	1	US-10-323-069A-55	Sequence 55, Appl
C2339	14.4	0.2	18	1	US-10-108-260A-5433	Sequence 5433, Ap	C2412	14.4	0.2	20	1	US-10-174-460-48	Sequence 48, Appl
C2340	14.4	0.2	18	1	US-10-349-143-4233	Sequence 4233, Ap	C2413	14.4	0.2	20	1	US-10-174-460-99	Sequence 99, Appl
2341	14.4	0.2	18	1	US-10-349-143-5292	Sequence 5292, Ap	2414	14.4	0.2	20	1	US-10-174-456-12	Sequence 12, Appl
2342	14.4	0.2	18	1	US-10-349-143-9599	Sequence 9599, Ap	2415	14.4	0.2	20	1	US-10-174-456-12	Sequence 12, Appl
C2343	14.4	0.2	18	1	US-10-349-143-11161	Sequence 11161, A	C2416	14.4	0.2	20	1	US-10-187-659A-22	Sequence 22, Appl
2344	14.4	0.2	18	1	US-10-608-80A-64	Sequence 64, Appl	C2417	14.4	0.2	20	1	US-10-349-143-5670	Sequence 5670, Ap
C2345	14.4	0.2	18	1	US-10-206-618-36	Sequence 36, Appl	2418	14.4	0.2	20	1	US-10-349-143-9656	Sequence 9656, Ap
2346	14.4	0.2	18	1	US-10-634-510-64	Sequence 64, Appl	C2419	14.4	0.2	20	1	US-10-289-762-1513	Sequence 1513, Ap
2347	14.4	0.2	18	1	US-10-773-951-102	Sequence 102, App	C2420	14.4	0.2	20	1	US-10-289-762-1915	Sequence 1915, Ap
C2348	14.4	0.2	19	1	US-10-206-705-68	Sequence 68, Appl	C2421	14.4	0.2	20	1	US-10-289-762-3250	Sequence 3250, Ap
2349	14.4	0.2	19	1	US-10-206-705-253	Sequence 253, App	C2422	14.4	0.2	20	1	US-10-289-762-3452	Sequence 3452, Ap
2350	14.4	0.2	19	1	US-09-901-488A-418	Sequence 418, App	C2423	14.4	0.2	20	1	US-10-289-762-3870	Sequence 3870, Ap
2351	14.4	0.2	19	1	US-09-853-526-418	Sequence 418, App	C2424	14.4	0.2	20	1	US-10-189-429-65	Sequence 65, Appl
2352	14.4	0.2	19	1	US-09-453-792-48	Sequence 124, App	2425	14.4	0.2	20	1	US-10-210-429-12	Sequence 12, Appl
C2353	14.4	0.2	19	1	US-10-453-792-48	Sequence 48, Appl	C2426	14.4	0.2	20	1	US-10-210-429-14	Sequence 14, Appl
2354	14.4	0.2	19	1	US-10-333-429-445	Sequence 445, App	C2427	14.4	0.2	20	1	US-10-239-998-29	Sequence 29, Appl
C2355	14.4	0.2	19	1	US-10-138-316-69	Sequence 69, Appl	C2428	14.4	0.2	20	1	US-10-210-838-150	Sequence 150, App
2356	14.4	0.2	19	1	US-10-071-179-117	Sequence 117, App	2429	14.4	0.2	20	1	US-10-211-908-10	Sequence 30, Appl
2357	14.4	0.2	19	1	US-10-126-704-117	Sequence 117, App	C2430	14.4	0.2	20	1	US-10-211-908-100	Sequence 100, App
C2358	14.4	0.2	19	1	US-10-368-643-69	Sequence 69, Appl	C2431	14.4	0.2	20	1	US-10-302-571-17	Sequence 17, Appl
2359	14.4	0.2	19	1	US-10-260-150-45	Sequence 45, Appl	2432	14.4	0.2	20	1	US-10-302-571-39	Sequence 39, Appl
2360	14.4	0.2	19	1	US-10-331-907-54	Sequence 54, Appl	C2433	14.4	0.2	20	1	US-10-293-998-66	Sequence 66, Appl
2361	14.4	0.2	19	1	US-10-349-143-5006	Sequence 5006, Ap	2434	14.4	0.2	20	1	US-10-298-404-47	Sequence 47, Appl
C2362	14.4	0.2	19	1	US-10-349-143-6457	Sequence 6457, Ap	C2435	14.4	0.2	20	1	US-10-302-571-37	Sequence 37, Appl
2363	14.4	0.2	19	1	US-10-349-143-8352	Sequence 8352, Ap	2436	14.4	0.2	20	1	US-10-302-571-47	Sequence 47, Appl
2364	14.4	0.2	19	1	US-10-280-183A-592	Sequence 592, App	C2437	14.4	0.2	20	1	US-10-302-571-17	Sequence 17, Appl
C2365	14.4	0.2	20	1	US-09-808-358-18	Sequence 18, Appl	2438	14.4	0.2	20	1	US-10-302-571-77	Sequence 77, Appl
2366	14.4	0.2	20	1	US-09-808-358-44	Sequence 44, Appl	C2439	14.4	0.2	20	1	US-10-648-593-328	Sequence 328, App
C2367	14.4	0.2	20	1	US-09-193-538-14	Sequence 14, Appl	2440	14.4	0.2	20	1	US-10-317-401-29	Sequence 29, Appl
2368	14.4	0.2	20	1	US-09-973-959-2	Sequence 2, Appl	2441	14.4	0.2	20	1	US-10-317-401-29	Sequence 29, Appl
2369	14.4	0.2	20	1	US-09-416-384A-17	Sequence 17, Appl	C2442	14.4	0.2	20	1	US-10-317-401-97	Sequence 97, Appl

```

; Sequence 3049, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Lv, Ngec
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3049
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-131-827-3049

Query Match          0.7%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0044;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      7305 CCCCTTGAGATTTGTGTGTGTGTCCCTTGAGCTTGAGCTTGCACTTGCACT 7354
Db       1 CCCCTTGAGATTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 50

RESULT 2
US-09-984-429-633/C
; Sequence 633, Application US/09984429
; Publication No. US20040010132A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 53 Human Secreted Proteins
; FILE REFERENCE: P2018P2
; CURRENT APPLICATION NUMBER: US/09/984,429
; CURRENT FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/244,591
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCT/US96/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 633
; LENGTH: 44
; TYPE: DNA

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Qy 4463 CTTTTTTTTTTTTTTTTGCTGTGAGACATGGGTTGGC 4505
Db 43 CTTTTTTTTTTTTTTTTTTTGTGACGAGATTGGC 1

RESULT 3
US-10-418-182-90
; Sequence 90, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-90

Query Match 0.4%; Score 27.8; DB 1; Length 36;
Best Local Similarity 93.5%; Pred. No. 21;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7405 AGCAACATCAGCAGCAGCAGCAGCAGCA 7435
Db 2 AGCAACAGCAGCAGCAGCAGCAGCAGCA 32

RESULT 4
US-10-035-833A-2291
; Sequence 2291, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2291
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2291

Query Match 0.4%; Score 26.8; DB 1; Length 41;
Best Local Similarity 77.5%; Pred. No. 38;
Matches 31; Conservative 1; Mismatches 8; Indels 0; Gaps 0;

Qy 4467 TTTTTTTTTTTTTTTGCTGTGACATGGGTTGGCT 4506
Db 1 TTTTTTTTTTTTTTTTTTTTAAGAGATGAGTCTCACT 40

RESULT 5
US-10-035-833A-3697
; Sequence 3697, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi

APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3697
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-3697

Query Match 0.4%; Score 26.8; DB 1; Length 41;
Best Local Similarity 77.5%; Pred. No. 38;
Matches 31; Conservative 1; Mismatches 8; Indels 0; Gaps 0;

Qy 4467 TTTTTTTTTTTTTTTGCTGTGACATGGGTTGGCT 4506
Db 1 TTTTTTTTTTTTTTTTTTTTAAGAGATGAGTCTCACT 40

RESULT 6
US-10-011-993-35
; Sequence 35, Application US/10011993
; Publication No. US20030119004A1
; GENERAL INFORMATION:
; APPLICANT: WENZ, H. MICHAEL
; APPLICANT: SCHROTH, GARY P.
; APPLICANT: CHEN, CAIFU
; TITLE OF INVENTION: METHODS FOR QUANTITATING NUCLEIC ACIDS USING COUPLED
; FILE REFERENCE: 07414.0030-00000
; CURRENT APPLICATION NUMBER: US/10/011,993
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: PCT/US01/17329
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: 09/724,755
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/584,905
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Illustrative
; OTHER INFORMATION: oligonucleotide
; OTHER INFORMATION: This sequence may encompass 1-10 cag repeats
US-10-011-993-35

Query Match 0.3%; Score 25.8; DB 1; Length 30;
Best Local Similarity 93.1%; Pred. No. 34;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7407 CAACATCAGCAGCAGCAGCAGCAGCA 7435
Db 1 CAGCAGCAGCAGCAGCAGCAGCAGCA 29

RESULT 7
US-10-357-322-4
; Sequence 4, Application US/10357322
; Publication No. US20030180768A1
; GENERAL INFORMATION:
; APPLICANT: Ranum et al.
; TITLE OF INVENTION: SCF7 GENE AND METHODS OF USE
; FILE REFERENCE: Regents of the University of Minnesota
; CURRENT APPLICATION NUMBER: US/10/357,322
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; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCT/US98/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 652
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-984-429-652

Query Match      0.3%; Score 25.6; DB 1; Length 39;
Best Local Similarity 87.5%; Pred. No. 56;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTGCTTGAGACA 4494
DB      37 CTTTTTTTTTTTTTTTTGTTGAGACA 6

RESULT 12
US-10-219-195-38
; Sequence 38, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 38
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-219-195-38

Query Match      0.3%; Score 25.4; DB 1; Length 39;
Best Local Similarity 96.3%; Pred. No. 61;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTGCTTGA 4490
DB      8 TTTTTTTTTTTTTTTGCTTGA 34

RESULT 13
US-09-940-227-49/c
; Sequence 49, Application US/09940227
; Publication No. US20030017468A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Sel Yu
```

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; APPLICANT: Macina, Roberto
; APPLICANT: Sun, Yongming
; APPLICANT: Reclison, Hevra
; TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
; FILE REFERENCE: DEX-0230
; CURRENT APPLICATION NUMBER: US/09/940,227
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,378
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 49
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-227-49

Query Match      0.3%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5554 AGATGAGAGAGTGTGGACGA 5578
DB      25 AGATGAGAGAGTGTGGACGA 1

RESULT 14
US-10-007-078-5/c
; Sequence 5, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RFS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO: 5
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-007-078-5

Query Match      0.3%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1801 GTGAAGCTGTGGAGATACACTCT 1825
DB      25 GTGAAGCTGTGGAGATACACTCT 1

RESULT 15
US-10-418-182-55/c
; Sequence 55, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 55
```

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; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-55

Query Match          0.3%; Score 24.6; DB 1; Length 36;
Best Local Similarity 87.1%; Pred. No. 74;
Matches 27; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7405 AGCAACATCAGACGACGACGACGACGCA 7435
Db      36  AGCAACGACGACGACGACGACGACGACGCA 6

RESULT 16
US-10-215-432-43
; Sequence 43, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
; APPLICANT: Eric B. Kmiec
; APPLICANT: Helal Parekh-Olmedo
; TITLE OF INVENTION: Composition and methods for the
; TITLE OF INVENTION: Prevention and treatment of Huntington's disease
; FILE REFERENCE: NApPro-10
; CURRENT APPLICATION NUMBER: US/10/215,432
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Converted HD sequence
US-10-215-432-43

Query Match          0.3%; Score 24.2; DB 1; Length 30;
Best Local Similarity 89.7%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      7407 CAACATCAGACGACGACGACGACGCA 7435
Db      1  CAGCTGACGACGACGACGACGACGACGA 29

RESULT 17
US-10-007-078-6/c
; Sequence 6, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-007-078-6

Query Match          0.3%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1774 CCAGGAGAGAGCGCGGTGTATGCT 1797
Db      1  CAGGAGAGAGCGCGGTGTATGCT 1797
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Db      24  CCAGGAGAGAGCGCGGTGTATGCT 1

RESULT 18
US-10-371-600-3
; Sequence 3, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-3

Query Match          0.3%; Score 23.8; DB 1; Length 32;
Best Local Similarity 92.6%; Pred. No. 85;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT GCTTGA 4490
Db      6  TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTTGA 32

RESULT 19
US-10-371-600-4
; Sequence 4, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-4

Query Match          0.3%; Score 23.8; DB 1; Length 32;
Best Local Similarity 92.6%; Pred. No. 85;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT GCTTGA 4490
Db      6  TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTTGA 32
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RESULT 20
US-09-927-777A-72/c
; Sequence 72, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 72
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-72

Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1,1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4454 TGGCAGGACTTTTTTTTTTTTTTTTTTTT 4483
DB      30 TGATAGGACTTTTTTTTTTTTTTTTTTTT 1
```

```
RESULT 21
US-10-397-579-2/c
; Sequence 2, Application US/10397579
; Publication No. US20040038255A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A
```

```
; APPLICANT: Cao, Yun-Wei
; APPLICANT: Jin, Rongchao
; TITLE OF INVENTION: No. US20040038255A1-alloying Core Shell Nanoparticles
; FILE REFERENCE: 01-661-E
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 10/034,451
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/293,861
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Nanoparticle probe
US-10-397-579-2

Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1,1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4454 TGGCAGGACTTTTTTTTTTTTTTTTTTTT 4483
DB      30 TGATAGGACTTTTTTTTTTTTTTTTTTTT 1
```

```
RESULT 22
US-10-008-978-72/c
; Sequence 72, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
```

```

1 PRIOR APPLICATION NUMBER: 60/224,631
2 PRIOR FILING DATE: 2000-08-11
3 PRIOR APPLICATION NUMBER: 60/254,392
4 PRIOR FILING DATE: 2000-12-08
5 PRIOR APPLICATION NUMBER: 60/254,418
6 PRIOR FILING DATE: 2000-12-08
7 PRIOR APPLICATION NUMBER: 60/255,235
8 PRIOR FILING DATE: 2000-12-11
9 PRIOR APPLICATION NUMBER: 60/255,236
10 PRIOR FILING DATE: 2000-12-11
11 PRIOR APPLICATION NUMBER: 60/282,640
12 PRIOR FILING DATE: 2000-04-01
13 NUMBER OF SEQ ID NOS: 76
14 SOFTWARE: Microsoft Word 2000
15 SEQ ID NO 72
16
17 LENGTH: 35
18
19 TYPE: DNA
20
21 ORGANISM: Artificial Sequence
22 FEATURE:
23
24 OTHER INFORMATION: Description of Artificial Sequence:random
25 OTHER INFORMATION: synthetic sequence
26
27 US-10-008-978-72

```

Query Match	0.3%	Score 23.6;	DB 1;	length 35;
Best Local Similarity	86.7%	Pred. No. 1.1e+02;		
Matches 26; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

[illegible]

```

RESULT 23
US-10-153-483-2/c
; Sequence 2, Application US/10153483
; Publication No. US20030129608A1
; GENERAL INFORMATION:
; APPLICANT: Markin, Chad A.
; APPLICANT: Gao, Yun Wei
; APPLICANT: Jin, Rongchao
; TITLE OF INVENTION: NON-ALLOYING CORE SHELL NANOPARTICLES
; FILE REFERENCE: 01-661-C
; CURRENT APPLICATION NUMBER: US/10/153,483
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: PCT/US01/50825
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 10/034,451
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 60/293,861
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Microsoft Word 1998
; SEQ ID NO 2
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-153-483-2

```

Query Match	0.3%	Score 23.6;	DB 1;	Length 35;
Best Local Similarity	86.7%	Pred. No. 1.1e+02;		
Matches 26;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;

QY	4454	TGGC	ATGCACTTTT	TTTTTTTTTTTTTTTT	TTTTTTTT	4483
Db	30	TGATA	AGCACTTTT	TTTTTTTTTTTTTTTT	TTTTTT	1

RESULT 24
US-10-266-983-72/c
Sequence 72, Application US/10266983

Publication No. US20030207236A1
GENERAL INFORMATION:
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Mirklin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OR INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/444,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.

```

? ERROR FILING DATE: 2000-03-28
? Remaining Prior Application data removed - See File Wrapper or PALM
? NUMBER OF SEQ ID NOS: 82
? SOFTWARE: Microsoft Word 2000
? SEQ ID NO 72
? LENGTH: 35
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence:random
? OTHER INFORMATION: synthetic sequence
US-10-266-983-72

```

Query Match	0.3%;	Score 23.6;	DB 1;	Length 35;
Best Local Similarity	86.7%;	Pred. No. 1.1e+02;		
Matches 26;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0

	4454	TGGCATGGA	CTTTTTTTTTTTTTTTTTTTTTTTT	44833
QY				
	30	TGATAGGA	TTTTTTTTTTTTTTTTTTTTTTT	1
Db				

RESULT 25
US-10-266-983-77/c
Sequence 77, Application US/10266983
Publication No. US20030207296A1
GENERAL INFORMATION:
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Markin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667

```
;; PRIOR FILING DATE: 1999-06-25
;; PRIOR APPLICATION NUMBER: 09/240,755
;; PRIOR FILING DATE: 1999-01-29
;; PRIOR APPLICATION NUMBER: PCT/US97/12783
;; PRIOR FILING DATE: 1997-07-21
;; PRIOR APPLICATION NUMBER: 60/031,809
;; PRIOR FILING DATE: 1996-07-29
;; PRIOR APPLICATION NUMBER: 60/176,409
;; PRIOR FILING DATE: 2000-01-13
;; PRIOR APPLICATION NUMBER: 60/192,699
;; PRIOR FILING DATE: 2000-03-28
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 82
;; SOFTWARE: Microsoft Word 2000
;; SEQ ID NO 77
;; LENGTH: 35
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: random
;; US-10-266-983-77
```

```
Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      4454 TGGCATGGACCTTTTCTGAG 4483
Db      30 TGAATAGGATTTTCTTTTCTTTT 1
```

```
RESULT 26
US-10-108-969-8
;; Sequence 8, Application US/10108969
;; Publication No. US20030198959A1
;; GENERAL INFORMATION:
;; APPLICANT: Kurnit, David M.
;; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia
;; FILE REFERENCE: 65988-0001
;; CURRENT APPLICATION NUMBER: US/10/108,969
;; CURRENT FILING DATE: 2002-03-28
;; NUMBER OF SEQ ID NOS: 9
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 8
;; LENGTH: 32
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Human beta-actin reverse primer
;; US-10-108-969-8
```

```
Query Match      0.3%; Score 23.2; DB 1; Length 32;
Best Local Similarity 89.3%; Pred. No. 1.1e+02;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Oy      4464 TTTTCTTTTCTGCTGAG 4491
Db      5 TTTTCTTTTCTTTTCTTTT 32
```

```
RESULT 27
US-10-611-629-3/C
;; Sequence 3, Application US/10611629
;; Publication No. US20040091905A1
;; GENERAL INFORMATION:
;; APPLICANT: GUO, BAOCHUAN
;; TITLE OF INVENTION: METHOD FOR DETECTING MUTATED POLYNUCLEOTIDES WITHIN A
;; FILE REFERENCE: 27433/04012
;; CURRENT APPLICATION NUMBER: US/10/611,629
;; CURRENT FILING DATE: 2003-07-01
```

```
;; PRIOR APPLICATION NUMBER: 60/392,251
;; PRIOR FILING DATE: 2002-07-01
;; NUMBER OF SEQ ID NOS: 15
;; SOFTWARE: PatentIn Ver. 3.2
;; SEQ ID NO 3
;; LENGTH: 32
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; US-10-611-629-3
```

```
Query Match      0.3%; Score 23.2; DB 1; Length 32;
Best Local Similarity 89.3%; Pred. No. 1.1e+02;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Oy      4463 CTTTCTTTTCTGCTGTA 4490
Db      30 CTTTCTTTTCTTTTCTTTT 3
```

```
RESULT 28
US-10-418-182-174
;; Sequence 174, Application US/10418182
;; Publication No. US20030228302A1
;; GENERAL INFORMATION:
;; APPLICANT: Crea, Roberto
;; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
;; FILE REFERENCE: 1551.2001-001
;; CURRENT APPLICATION NUMBER: US/10/418,182
;; CURRENT FILING DATE: 2003-04-16
;; PRIOR APPLICATION NUMBER: 60/373,558
;; PRIOR FILING DATE: 2002-04-17
;; NUMBER OF SEQ ID NOS: 423
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 174
;; LENGTH: 27
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: oligonucleotide
;; US-10-418-182-174
```

```
Query Match      0.3%; Score 23; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 90;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      7413 CAGCAGCAGCAGCAGCAGCA 7435
Db      1 CAGCAGCAGCAGCAGCAGCA 23
```

```
RESULT 29
US-09-971-353-24/C
;; Sequence 24, Application US/09971353
;; Publication No. US20030113723A1
;; GENERAL INFORMATION:
;; APPLICANT: Bapat, Bharati
;; TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAM
;; FILE REFERENCE: 11757.54USU1
;; CURRENT APPLICATION NUMBER: US/09/971,353
;; CURRENT FILING DATE: 2001-10-04
;; PRIOR APPLICATION NUMBER: US 60/237,884
;; PRIOR FILING DATE: 2000-10-04
;; NUMBER OF SEQ ID NOS: 35
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 24
;; LENGTH: 31
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; US-09-971-353-24
```

Query Match 0.3%; Score 23; DB 1; Length 31;
Best Local Similarity 83.9%; Pred. No. 1.1e+02;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTTGAGACA 4494
Db 31 TTTTGTCTTGAGACA 1

RESULT 30
US-10-447-073-3/c
; Sequence 3, Application US/10447073
; Publication No. US20040096856A1
; GENERAL INFORMATION:
; APPLICANT: Gartmella, Viswanadham
; APPLICANT: Bernal, Yasmita
; TITLE OF INVENTION: Method for Attachment of Silylated Molecules to Glass Surfaces
; FILE REFERENCE: 02-334-A
; CURRENT APPLICATION NUMBER: US/10/447,073
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: US 60/383,564
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Probe FV (13D)
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n = epiendrosterone
US-10-447-073-3

Query Match 0.3%; Score 23; DB 1; Length 32;
Best Local Similarity 83.9%; Pred. No. 1.2e+02;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4455 GGCATGACCTTTTGTCTTGAGACA 4485
Db 32 GGCATGACCTTTTGTCTTGAGACA 2

RESULT 31
US-09-931-007A-6/c
; Sequence 6, Application US/09931007A
; Patent No. US2002016132A1
; GENERAL INFORMATION:
; APPLICANT: Aventis Pharma S.A.
; TITLE OF INVENTION: SYSTEM FOR REGULATING IN VIVO THE EXPRESSION OF A TRANSGENE BY
; FILE REFERENCE: 03806.0512
; CURRENT APPLICATION NUMBER: US/09/931,007A
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: FR 00/10730
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: US 60/239,246
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-931-007A-6

Query Match 0.3%; Score 23; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGCA 7435
Db 29 CAGCAGCAGCAGCAGCAGCA 7

RESULT 32
US-09-099-823-14
; Sequence 14, Application US/09099823
; Patent No. US20020018990A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANDOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: SCHEFFEL, CHRISTI
; APPLICANT: STROUPE, STEPHEN D.
; APPLICANT: YU, HONG
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESS: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,823
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/879,354
; FILING DATE: 20-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6120.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-099-823-14

Query Match 0.3%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 92;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTTGAGACA 4489
Db 1 TTTTGTCTTGAGACA 26

RESULT 33

US-10-176-055-10
; Sequence 10, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176.055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Complementary
; OTHER INFORMATION: probe
; FEATURE:
; OTHER INFORMATION: Complementary probe that binds specifically to
US-10-176-055-10
Query Match 0.3%; Score 22.8; DB 1; Length 30;
Best Local Similarity 92.3%; Pred. No. 1.1e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 4461 GACTTTTCTTTTCTTCTC 4486
DB 3 GAGTTTTTTTTTTTTTCTC 28
RESULT 34
US-09-263-959-825
; Sequence 825, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben P.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaesters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 928010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 825:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-263-959-825
Query Match 0.3%; Score 22.8; DB 1; Length 33;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 4464 TTTTCTTTTCTTCTGCTG 4489
DB 8 TTTTCTTTTCTTCTTCTG 33
RESULT 35
US-09-282-734-3/c
; Sequence 3, Application US/09282734A
; Publication No. US20020182597A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-09-282-734-3
Query Match 0.3%; Score 22.6; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.2e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
CY 4460 GCACTTTTCTTTTCTTCTCT 4488
DB 29 GGTTTTTTTTTTTTTTTTTTTT 1

RESULT 36
US-09-876-235-8/c
; Sequence 8, Application US/09876235
; Publication No. US2003002236A1
; GENERAL INFORMATION:
; APPLICANT: Roberts, Richard W.
; APPLICANT: Szoestak, Jack W.
; APPLICANT: Liu, Rih
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876,235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 09/247,190
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-876-235-8

```

Query Match      0.3%   Score 29.6   DB 1    Length 29;
Best Local Similarity 86.2%   Pred. No.1.2e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY      4460 GGACTTTTTTTTTTTTTTTTGTCTT 4488
          |||||
          29 GGGTTTTTTTTTTTTTTTTTTT 1

```

```

RESULT 37
US-10-348-627-3/c
Sequence 3, Application US/10348627
Publication No. US20030143616a1
GENERAL INFORMATION:
APPLICANT: Robert G. Kuhnleis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/10/348,627
CURRENT FILING DATE: 2003-01-22
PRIOR APPLICATION NUMBER: US/09/282,734A
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-10-348-627-3

```

Query Match	0.3%	Score 22.6	DB 1	Length 29;
Best Local Similarity	86.2%	Pred. No.1.2e+02;		
Matches	25	Conservative	0; Mismatches 4;	Indels 0; Gaps 0.
OY	4460 GGACTTTTTTTTTTTTTTTTGTCTT	4488		
b	29 GGTTTTTTTTTTTTTTTTTT	1		

```

RESULT 38
US-10-057-783A-41/c
; Sequence 41, Application US/10057783A
; Publication No. US2004009195A1
; GENERAL INFORMATION:
; APPLICANT: Forster, Anthony C.
; TITLE OF INVENTION: Process and compositions for peptide, protein and
; TITLE OF INVENTION: peptidomimetic synthesis
; FILE REFERENCE: 1
; CURRENT APPLICATION NUMBER: US/10/057,783A
; CURRENT FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:FROM SYNTHETIC
; OTHER INFORMATION: DNA
; US-10-057-783A-41

```

Query Match	0.3%	Score 22.6	DB 1	Length 29
Blast Local Similarity	86.2%	Pred. No.1.2e-02;		
Matches	25	Conservative	0; Mismatches 4;	Indels 0; Gaps 0;
QY	4460 GGACTTTTTTTTTTTTTTTTGGCTCTT	4488		
b	29 GGTITTTTTTTTTTTTTTTTTTTT	1		

```

RESULT 39
US-10-194-138-14/c
/ Sequence 14, Application US/10194138
/ Publication No. US20030082586A1
/ GENERAL INFORMATION:
/ APPLICANT: Nanosphere, Inc.
/ APPLICANT: Garimella, Viswanadham
/ TITLE OF INVENTION: Method For Immobilizing Molecules onto Surfaces
/ FILE REFERENCE: 01-897-B
/ CURRENT APPLICATION NUMBER: US/10/194,138
/ CURRENT FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: 60/353472
/ PRIOR FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 60/305369
/ PRIOR FILING DATE: 2001-07-13
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 14
/ LENGTH: 31
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide probe modified with gold nanoparticle
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: n is a deoxyadenosine residue modified in 5' with an epiandroster
/ OTHER INFORMATION: one disulfide-gold nanoparticle-epiandrosterone disulfide conjuga
/ OTHER INFORMATION: te
US-10-194-138-14

```

```

Query Match          0.3%; Score 22.6; DB 1; Length 31;
Best Local Similarity 86.2%; Pred. No. 1.3e+02;
Matches    25; Conservative    0; Mismatches   4; Indels     0; Gaps      0;

OY      4455 GGCGATGACCTTTT TTTTTTTTTTTTTT 4483
       ||| |||| | ||||||||| |||||
db      31 GGCGAGCAATA TTTT TTTTTTTTTTTT 3

```

```

RESULT 40
US-10-309-788-10
; Sequence 10, Application US/10309788
; Publication No. US20030211466A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target
; FILE REFERENCE: RBN-001CP
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of GADD45
US-10-309-788-10

```

Query Match	0.3%;	Score 22.2;	DB 1;	Length 32;
Best Local Similarity	11.1%;	Pred. No. 1.6e+02;		
Matches 3;	Conservative 21;	Mismatches 3;	Indels 0;	Gaps 0;
OY	4464	TTTTTTTTTTTTTTTTTGCCTGA	4490	

Db 5 UUUUUUUUUUUUUUUUGGUCUUUA 31

RESULT 41

US-10-238-306B-10
; Sequence 10, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: Complexes
; FILE REFERENCE: RBN-001CN
; CURRENT APPLICATION NUMBER: US/10/238,306B
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' -UTR sequence of GADD45
US-10-238-306B-10

Query Match 0.3%; Score 22.2; DB 1; Length 32;
Best Local Similarity 11.1%; Pred. No. 1.6e+02;
Matches 3; Conservative 21; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTGTGCTTGTGCTTGA 4490

Db 5 UUUUUUUUUUUUUUUUGGUCUUUA 31

RESULT 42

US-10-629-453-10
; Sequence 10, Application US/10629453
; Publication No. US20040096878A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: Complexes
; FILE REFERENCE: RBN-001DV
; CURRENT APPLICATION NUMBER: US/10/629,453
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' -UTR sequence of GADD45
US-10-629-453-10

Query Match 0.3%; Score 22.2; DB 1; Length 32;
Best Local Similarity 11.1%; Pred. No. 1.6e+02;
Matches 3; Conservative 21; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTGTGCTTGTGCTTGA 4490

Db 5 UUUUUUUUUUUUUUUUGGUCUUUA 31

RESULT 43

US-09-940-227-47
; Sequence 47, Application US/09940227
; Publication No. US20030017468A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Sei Yu
; APPLICANT: Macina, Roberto
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Hervé
; TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
; TITLE OF INVENTION: Genes
; FILE REFERENCE: DEX-0230
; CURRENT APPLICATION NUMBER: US/09/940,227
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,378
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-227-47

Query Match 0.3%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5514 CCGACCTTGAGATTATTCCTGT 5535

Db 1 CCGACCTTGAGATTATTCCTGT 22

RESULT 44

US-09-848-754A-9122
; Sequence 9122, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEB00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9122
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9122

Query Match 0.3%; Score 22; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7414 AGCAGCAGCAGCAGCAGCA 7435

Db 1 AGCAGCAGCAGCAGCAGCA 22

RESULT 45

US-09-848-754A-9375/C
; Sequence 9375, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: M8B00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9375
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
; LOCATION: (1)..(1)
; NAME/KEY: misc feature
; OTHER INFORMATION: n stands for inverted deoxyabasic derivative
; LOCATION: (25)..(25)
; NAME/KEY: misc feature
; OTHER INFORMATION: n stands for inverted deoxyabasic derivative
; LOCATION: (2)..(8)
; OTHER INFORMATION: 2'-O-Methyl
; NAME/KEY: misc feature
; LOCATION: (18)..(24)
; OTHER INFORMATION: 2'-O-Methyl
; NAME/KEY: misc feature
; LOCATION: (9)..(17)
; OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
; US-09-848-754A-9375
```

```
Query Match          0.3%; Score 22; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7414 AGCAGCAGCAGCAGCAGCAGCA 7435
Db      24 AGCAGCAGCAGCAGCAGCAGCA 3
```

```
RESULT 46
US-09-922-480-6
; Sequence 6, Application US/09922480
; Patent No. US20020081701A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,480
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-922-480-6
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTTGTCTGCTTG 4489
Db      1 TTTTGTCTGCTTTT 26
```

```
RESULT 47
US-09-923-236-6
```

```
; Sequence 6, Application US/09923236
; Patent No. US20020090677A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-923-236-6
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTTGTCTGCTTG 4489
Db      1 TTTTGTCTGCTTTT 26
```

```
RESULT 48
US-09-922-469-6
; Sequence 6, Application US/09922469
; Patent No. US20020173027A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-922-469-6
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTTGTCTGCTTG 4489
Db      1 TTTTGTCTGCTTTT 26
```

```
RESULT 49
US-10-039-876A-10
; Sequence 10, Application US/10039876A
; Publication No. US20030032792A1
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Blumberg, Hal
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63C1
; CURRENT APPLICATION NUMBER: US/10/039,876A
; CURRENT FILING DATE: 2001-10-26
```

```
; PRIOR APPLICATION NUMBER: US 60/061,712
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: US 09/167,513
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-10-039-876A-10
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 4464 TTTTGTCTGCTG 4489
Db 1 TTTTGTCTGCTGCTG 26
```

```
RESULT 50
US-10-196-703-43
; Sequence 43, Application US/10196703
; Publication No. US20030055019A1
; GENERAL INFORMATION:
; APPLICANT: Shinkens, Richard A.
; TITLE OF INVENTION: Gene and Proteins Predictive and Therapeutic for
; FILE REFERENCE: 15966-527
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/10/196,703
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dT) <25>-V
US-10-196-703-43
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 4464 TTTTGTCTGCTG 4489
Db 1 TTTTGTCTGCTGCTG 26
```

```
RESULT 51
US-10-352-253A-36
; Sequence 36, Application US/10352253A
; Publication No. US20030175508A1
; GENERAL INFORMATION:
; APPLICANT: Linmarsson, Sten
; APPLICANT: Ernforss, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metels, Ate
; APPLICANT: Pihlak, Arto
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT FILING DATE: US/10/352,253A
; PRIOR APPLICATION NUMBER: 2003-01-28
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: (26)
; OTHER INFORMATION: v is a, c or g
US-10-352-253A-36
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 4464 TTTTGTCTGCTG 4489
Db 1 TTTTGTCTGCTGCTG 26
```

```
RESULT 52
US-10-224-289-20
; Sequence 20, Application US/10224289
; Publication No. US20030207288A1
; GENERAL INFORMATION:
; APPLICANT: LEWIN, DAVID A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; FILE REFERENCE: 9800081-0085
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US/10/224,289
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-224-289-20
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 4464 TTTTGTCTGCTG 4489
Db 1 TTTTGTCTGCTGCTG 26
```

```
RESULT 53
US-10-071-214-42
; Sequence 42, Application US/10071214
; Publication No. US20030066099A1
; GENERAL INFORMATION:
; APPLICANT: HANSSON, Lennart
; APPLICANT: EGBLUD, Torbjorn
; TITLE OF INVENTION: SCB MODIFIED TRANSGENIC MAMMALS AND THEIR USE AS MODELS OF HUMA
; FILE REFERENCE: HANSSON=3A
; CURRENT FILING DATE: US/10/071,214
; PRIOR FILING DATE: 2002-02-11
; PRIOR APPLICATION NUMBER: US 60/267,422
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: DK PA 2001 00218
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 50
```

```

: SOFTWARE: PatentIn version 3.1
: SEQ ID NO: 42
: LENGTH: 27
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: 5'-RACE cDNA synthesis primer
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (27)..(27)
: OTHER INFORMATION: n is a or g or c or t
: OS-10-071-214-42

```

Query Match	0.3%	Score 22;	DB 1;	Length 27;
Best Local Similarity	88.5%;	Pred. No. 1.3e+02;		
Matches 23;	Conservative 1;	Mismatches 2;	Indels 0;	Gaps 0;

```

Oy      4464 TTTTTTTTTTTTTTTTTTGGCTCTG 4489
         |||||
Db      1 TTTTTTTTTTTTTTTTTTIV 26

```

```

RESULT 54
US-10-102-720-18
/ Sequence 18, Application US/10102720
/ Publication NO. US20030152937A1
/ GENERAL INFORMATION:
/ APPLICANT: Weindel, Kurt
/ APPLICANT: Brand, Joachim
/ TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX
/ FILE REFERENCE: 101614-00014
/ CURRENT APPLICATION NUMBER: US/10/102,720
/ CURRENT FILING DATE: 2002-03-22
/ PRIOR APPLICATION NUMBER: 09/325,554
/ PRIOR FILING DATE: 1999-06-04
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: Patent-In version 3.1
/ SEQ ID NO 18
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Mycobacterium tuberculosis
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (127)-(127)
/ OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
/ OTHER INFORMATION: esterified with 3-O-carboxymethyl digoxigenin
US-10-102-720-18

```

```

Query Match 0.3% Score 22; DB 1; Length 27;
Best Local Similarity 91.7% Pred No. 1.3e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0.

OY 4464 TTTTCTTTTTTTTTTTTGGCT 4487
      |||||
Db 4 TTTTCTTTTTTTTTTTTTTTT 27

```

RESULT 55
US-09-801-274-1211/C
Sequence 1211, Application US/09801274
Patent No. US20020032319A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Landier, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.2009-001
CURRENT APPLICATION NUMBER: US/09/801,274
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/187,510
PRIOR FILING DATE: 2000-03-07
PRIOR APPLICATION NUMBER: US 60/206,129
PRIOR FILING DATE: 2000-05-22

```

: NUMBER OF SEQ ID NOS: 1802
: SOFTWARE: FASTSEQ for Windows Version 4.0
: SEQ ID NO 1211
: LENGTH: 31
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-801-274-1211

```

Query Match	0.3%	Score 22:	DB 1;	length 31;
Best Local Similarity	91.7%	Pred. No.	1.6e+02;	
Matches 22;	Conservative 1;	Mismatches 1;	Indels 0;	Gaps 0

```
QY      7413 CAGCAGCAGCAGCAGCAGCAGCAC 7436
          ||||| : |||||
Db       30 CAGCAGCAGCAGCGSCAGCAGCAC   7
```

```

RESULT 56
US-09-853-646-4/C
? Sequence 4, Application US/09853646
? Patent No. US20020055106al
? GENERAL INFORMATION:
? APPLICANT: Nicolaidis, Nicholas
? APPLICANT: Saes, Philip
? APPLICANT: Grasso, Luigi
? APPLICANT: Kitzler, Kenneth
? APPLICANT: Vogelstein, Bert
? TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
? TITLE OF INVENTION: ORGANISMS
? FILE REFERENCE: 01107.00138
? CURRENT APPLICATION NUMBER: US/09/853, 646
? CURRENT FILING DATE: 2001-05-14
? PRIOR APPLICATION NUMBER: 60/204, 769
? PRIOR FILING DATE: 2000-05-17
? NUMBER OF SEQ ID NOS: 4
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 4
? LENGTH: 25
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Recombinant DNA
US-09-853-646-4

```

Query Match	0.3%	Score 21.8	DB 1	Length 25
Best Local Similarity	92.0%	Pred. No. 1.3e+02		
Matches 23	Conservative 0	Mismatches 2	Indels 0	Gaps 0

[illegible]

```

RESULT 57
US-09-282-734-23
Sequence 23, Application US/09282734A
Publication No. US20020182597A1
GENERAL INFORMATION:
APPLICANT: Robert G. Kuimelis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/09/282,734A
CURRENT FILING DATE: 1999-03-03
EARLIER APPLICATION NUMBER: 60/080,686
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 23
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Capture probe sequence

```


QY 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 62
US-10-224-289-11
; Sequence 11, Application US/10224289
; Publication No. US20030207286A1
; GENERAL INFORMATION:
; APPLICANT: LEWIN, DAVID A.
; APPLICANT: STEWART, TIMOTHY A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; FILE REFERENCE: 9800081-0085
; CURRENT APPLICATION NUMBER: US/10/224,289
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/313,940
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-224-289-11

Query Match 0.3%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 63
US-09-853-646-3/C
; Sequence 3, Application US/09853646
; Patent No. US20020055106A1
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Sasse, Philip
; APPLICANT: Grasso, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; TITLE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646-3

Query Match 0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

Db 25 TTTTGTCTT 1

RESULT 64
US-09-922-480-7
; Sequence 7, Application US/09922480
; Patent No. US20020081701A1
; GENERAL INFORMATION:
; APPLICANT: Shepard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,480
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-480-7

Query Match 0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 65
US-09-923-236-7
; Sequence 7, Application US/09923236
; Patent No. US20020090677A1
; GENERAL INFORMATION:
; APPLICANT: Shepard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-236-7

Query Match 0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 66
US-09-923-246-38
; Sequence 38, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.


```

APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/923,246
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: PasteSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

```

```

Query Match      0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Ma:Shes 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY          4464 TTTTTTTTTTTTTTTTGTCTT 4488
|||||
Db           1 TTTTTTTTTTTTTTTTTTTTTT 25
|||||

RESULT 68
US-09-920-342-3
: Sequence 3, Application US/09920342
: Patent NO. US20020137709A1
: GENERAL INFORMATION:
: APPLICANT: University of Southern California
: APPLICANT: Lih, Shi-Lung
: APPLICANT: Chung, Cheng-Ming
: APPLICANT: Widelitz, Randall B.
: TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
: FILE REFERENCE: 13761-7024
: CURRENT APPLICATION NUMBER: US//09/920,342
: PRIOR FILING DATE: 2002-01-17
: PRIOR APPLICATION NUMBER: US 60/222,479
: PRIOR FILING DATE: 2000-08-02
: NUMBER OF SEQ ID NOS: 15
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 3
: LENGTH: 26
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Poly(dT)-26mer primer
US-09-920-342-3
```

```

; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764db
US-09-923-246-39

```

```
Query Match Similarity      0.3%; Score 21.8; DB 1; Length 26;
Beet Local Similarity     92.0%; Pred. No. 1.4e+02;
Matches    23; Conservative   0; Mismatches    2; Indels    0; Gaps    0.
```

```

RESULT 70
US-09-092-296-10
; Sequence 10, Application US/09092296
; Publication No. US20020188114A1
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: KLASS, MICHAEL R.
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STROUPE, STEPHEN D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE LUNG
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/092,296
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/048,810
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6104.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-092-296-10

Query Match      0.3%;   Score 21.8;   DB 1;   Length 26;
Best Local Similarity 92.0%;   Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTTTTGGCTT 4488
          |||||
Db      1 TTTTTTTTTTTTTTTT 25

RESULT 71
US-09-949-305B-4
; Sequence 4, Application US/09949305B
; Publication No. US20030022318A1
GENERAL INFORMATION:
APPLICANT: Lin, Shi-Lung
APPLICANT: Ying, Shao-Yao
TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
FILE REFERENCE: 266/014
CURRENT APPLICATION NUMBER: US/09/949,305B
CURRENT FILING DATE: 2001-09-07

```

```

; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: poly(dT) primer
US-09-949-305B-4

Query Match          0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1,4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTGCTTGGTCTT 4488
Db       1 TTTTGTGCTTGGTCTT 25

RESULT 72
US-10-143-266-2
; Sequence 2, Application US//10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
; APPLICANT: Rannum, Laura
; APPLICANT: Day, John
; TITLE OF INVENTION: MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
FILE REFERENCE: 110-01580101
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 60/337,831
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 26
TYPE: DNA
ORGANISM: homo sapiens
US-10-143-266-2

Query Match          0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1,4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5793 TGCCGTGCCTGCCTGTCTGCTT 5817
Db       1 TGTCGCCGTGCCTGTCTGCTT 25

RESULT 73
US-10-143-266-3
; Sequence 3, Application US//10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
; APPLICANT: Rannum, Laura
; APPLICANT: Day, John
; TITLE OF INVENTION: MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF I
FILE REFERENCE: 110-01580101
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 60/337,831

```

```

; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-143-266-3

```

```

Query Match      0.3%   Score 21.8 / DB 1;   length 26;
Best Local Similarity 93.0%   Pred. No. 1.4e+02;
Matches 23, Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      5793  TGCCTGCCTGCCTGCCTGCTGCCT  5817
          |||||
Db      1  TGTCTGCCTGCTGCCTGCTGCCT  25

```

RESULT 74
US-10-053-883-53
; Sequence 53, Application US/10053883
; Publication No. US20030113737A1
; Publication Information

```

1  APPLICANT: PEDERSEN, Morten Lorentz
2  TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
3  FILE REFERENCE: PEDERSEN-A1A
4  CURRENT APPLICATION NUMBER: US/10/053.883
5  CURRENT FILING DATE: 2002-01-02
6  PRIOR APPLICATION NUMBER: PA 2001 00126
7  PRIOR FILING DATE: 2001-01-24
8  PRIOR APPLICATION NUMBER: US 60/267,704
9  PRIOR FILING DATE: 2001-02-12
10 NUMBER OF SEQ ID NOS: 148
11 SOFTWARE: Patentin version 3.1
12 SEQ ID NO 53
13     LENGTH: 26
14     TYPE: DNA
15 ORGANISM: Artificial Sequence
16 FEATURE:
17     OTHER INFORMATION: synthetic
18 US-10-053-883-53

```

Query Match	0.3%	Score 21.8	DB 1	Length 26
Best Local Similarity	92.0%	Pred. No. 1.4e+02		
Matches 23	Conservative 2	Mismatches 0	Indels 0	Gaps 0

Oy 4464 TTTTTTTTTTTTTTTTGTCTT 4488
|||||
Db 1 TTTTTTTTTTTTTTTTTTTTTT 25

RESULT 75
US-10-295-723-38
; Sequence 38, Application US/10295723
; Publication No. US20030125524A1

APPLICANT: NO. US20030125524A1ak, Julia E
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.

APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL Cytokine ZALPALL LGAND
FILE REFERENCE: 99-16
CITIZENSHIP AND INVENTION NUMBERS: 95/10/205 733

! CURRENT FILING DATE: 2002-11-15
!
! PRIOR APPLICATION NUMBER: 09/522,217
!
! PRIOR FILING DATE: 2000-03-09
!
! PRIOR APPLICATION NUMBER: US 60/123,547

```

: PRIOR FILING DATE: 1999-03-09
: PRIOR APPLICATION NUMBER: US 60/123,904
: PRIOR FILING DATE: 1999-03-11
: PRIOR APPLICATION NUMBER: US 60/142,013
: PRIOR FILING DATE: 1999-07-01
: NUMBER OF SEQ ID NOS: 115
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 38
: LENGTH: 26
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Oligonucleotide primer ZC7764a4a
US-10-295-723-38

```

Query Match	0.3%	Score 21.8;	DB 1;	Length 26;
Best Local Similarity	92.0%	Pred. No. 1	4e+02;	
Matches 23;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

```
Oy      4464 TTTTTTTTTTTTTTTTGTCTT 4488
Db ,    1 TTTTTTTTTTTTTTTTTTTTTT 25
```

RESULT 76
US-10-295-723-39
; Sequence 39, Application US/10295723
; Publication No. US20030125524A1

APPLICANT: No. US20030102552A1ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHALI LIGAND
FILE REFERENCE: 99-16
ATTORNEY: Wilson, 105/167/206 733

```

; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123 547

```

;; PRIOR FILING DATE: 1999-03-09
;; PRIOR APPLICATION NUMBER: US 60/123,904
;; PRIOR FILING DATE: 1999-03-11
;; PRIOR APPLICATION NUMBER: US 60/143,013

```

; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
;

```

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Oligonucleotide primer ZC7764b

```

Query Match	0.3%	Score 21.8	DB 1	Length 26
Best Local Similarly	92.0%	Pred. No. 1.4e+02		
Match 23, Conservative	0	Mismatches 2	Indels 0	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTTTT	GTCT	4488
Db	1	TTTTTTTTTTTTTTTTTTTTT	TTTT	25

RESULT 77
US-10-659-684-38
; Sequence 38, Application US/10659684

```
length 26;
models 0; Gaps 0;
```

```
length 26;
models 0; Gaps 0;
```

```

Publication No. US20040110932A1
GENERAL INFORMATION:
APPLICANT: Novak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Grose, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALEPLIN LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/659,684
CURRENT FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-659-684-38

```

```

Query Match          0.3%; Score 21.8; DB 1; Length 26;
Base Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches    23; Conservative   0; Mismatches     2; Indels      0; Gaps      0;

Oy           4464 TTTTTTTTTTTTGGCTT 4488
               |||||
Db            1 TTTTTTTTTTTT 25

RESULT 78
US-10-659-684-39
Sequence 39, Application US/10659684
Publication NO. US20040110932A1

GENERAL INFORMATION:
APPLICANT: Novak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND

FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/659,684
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01

NUMBER OF SEQ ID NOS: 115

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 39
```

```

; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39

```

Query Match	0.3%	Score 21.8	DB 1	length 26
Best Local Similarity	92.0%	Pred. No. 1.4e+02		
Matches 23	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Oy	4464	TTTTTTTTTTTTTTTTTGTCTT	4488	
Db	1	TTTTTTTTTTTTTTTTTTTTTT	25	

```

RESULT 79
US-09-888-326-842
; Sequence 842, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OR INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OR INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ. ID NOS: 848
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 842
;
; LENGTH: 27
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphorothioate backbone
;
; US-09-888-326-842

```

```

Query Match          0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      4464 TTTTNTTTTTTTTTTTTTGCTT 4488
           |||||
Db       1 TTTTNTTTTTTTTTTTTTTTTTT 25

RESULT 80
US-09-781-693A-16
? Sequence 16, Application US/09781693A
? Publication No. US20030054438v1
? GENERAL INFORMATION:
? APPLICANT: Chang, Tai-Jay
? TITLE OF INVENTION: ANDROGEN RECEPTOR COMPLEX-ASSOCIATED
? TITLE OR INVENTION: PROTEIN
? FILE REFERENCE: 11709-003001
? CURRENT APPLICATION NUMBER: US/09/781.693A
? CURRENT FILING DATE: 2002-07-23
? PRIOR APPLICATION NUMBER: US 60/262,312
? PRIOR FILING DATE: 2001-01-17
? NUMBER OF SEQ ID NOS: 17
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 16
? LENGTH: 27
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? NAME/KEY: misc feature
?
```

LOCATION: (1)...(27)
OTHER INFORMATION: n = A,T,C or G
OTHER INFORMATION: synthetically generated primer
US-09-781-693A-16

Query Match 0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 81
US-09-776-479-911
Sequence 911, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-911

Query Match 0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 82
US-09-776-479-911
Sequence 911, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-911

Query Match 0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 83
US-10-406-031-32
Sequence 32, Application US/10406031
Publication No. US2004043017A1
GENERAL INFORMATION:
APPLICANT: Maeci, Paul Pentaleone
APPLICANT: De Jersey, John
TITLE OF INVENTION: PROTHROMBIN ACTIVATING PROTEIN
FILE REFERENCE: 15685-002001
CURRENT APPLICATION NUMBER: US/10/406,031
CURRENT FILING DATE: 2003-04-02
PRIOR APPLICATION NUMBER: AU 2003901033
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: AU P51483
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 32
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: 26
OTHER INFORMATION: n = a, g, or c
FEATURE:
NAME/KEY: misc_feature
LOCATION: 27
OTHER INFORMATION: n = a, c, g, or t
FEATURE:
OTHER INFORMATION: Primer
US-10-406-031-32

Query Match 0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488
Db 1 TTTTGTCTT 25

RESULT 84
US-10-314-578-911
Sequence 911, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 911

Query Match 0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;

QY	4459	TGCACTTTTTTTTTTTTTTTT	44833
Db	4	TGCAGTTTTTTTTTTTTTTTTT	28

[illegible]

```

; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ. ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1094
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1094

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTGCTT 4488
Db       1 TTTTTTTTTTTT 25

RESULT 91
US-10-314-578-1095/c
; Sequence 1095, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1095
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1095

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTGCTT 4488
Db       30 TTTTGTGCTT 6

```



```
/ Publication No. US20020192670A1
/ GENERAL INFORMATION:
/ APPLICANT: TAKUNAGA, TAKUMI
/ APPLICANT: ISHIGURO, TAKAHITO
/ APPLICANT: HORIE, RYUICHI
/ TITLE OF INVENTION: NOVEL FLOURDESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
/ FILE REFERENCE: 218077US0
/ CURRENT APPLICATION NUMBER: US/10/042,193A
/ PRIOR FILING DATE: 2002-01-11
/ PRIOR APPLICATION NUMBER: JP 2001-003432
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-1

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      1 TTTTGTCTT 25

RESULT 93
US-10-042-193A-2/c
/ Sequence 2, Application US/10042193A
/ Publication No. US20020192670A1
/ GENERAL INFORMATION:
/ APPLICANT: TAKUNAGA, TAKUMI
/ APPLICANT: ISHIGURO, TAKAHITO
/ APPLICANT: HORIE, RYUICHI
/ TITLE OF INVENTION: NOVEL FLOURDESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
/ FILE REFERENCE: 218077US0
/ CURRENT APPLICATION NUMBER: US/10/042,193A
/ CURRENT FILING DATE: 2002-01-11
/ PRIOR APPLICATION NUMBER: JP 2001-003432
/ PRIOR FILING DATE: 2001-01-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-2

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      30 TTTTGTCTT 6

RESULT 94
US-10-380-584-115
/ Sequence 115, Application US/10380584
/ Publication No. US20040014088A1
/ GENERAL INFORMATION:
/ APPLICANT: Utermohlen, Joseph
/ APPLICANT: Connaughton, John
/ TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Pro
/ FILE REFERENCE: 355/001/ECT
```

```
/ CURRENT APPLICATION NUMBER: US/10/380,584
/ CURRENT FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: 60/233,177
/ PRIOR FILING DATE: 2000-09-15
/ NUMBER OF SEQ ID NOS: 126
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 115
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide probe
US-10-380-584-115

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      1 TTTTGTCTT 25

RESULT 95
US-10-472-055-2
/ Sequence 2, Application US/10472055
/ Publication No. US20040161764A1
/ GENERAL INFORMATION:
/ APPLICANT: GABERT, JEAN
/ APPLICANT: BEILLARD, EMMANUEL
/ TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE IN THE
/ TITLE OF INVENTION: QUANTIFICATION OF NUCLEOTIDE SEQUENCES OF INTEREST
/ FILE REFERENCE: 1330-03
/ CURRENT APPLICATION NUMBER: US/10/472,055
/ CURRENT FILING DATE: 2003-09-15
/ NUMBER OF SEQ ID NOS: 2
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 2
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-472-055-2

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      1 TTTTGTCTT 25

RESULT 96
US-10-371-600-2
/ Sequence 2, Application US/10371600
/ Publication No. US20030180776A1
/ GENERAL INFORMATION:
/ APPLICANT: WU, MING
/ APPLICANT: ULLMAN, EDWIN F.
/ TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
/ FILE REFERENCE: 3817.10-2
/ CURRENT APPLICATION NUMBER: US/10/371,600
/ CURRENT FILING DATE: 2003-05-19
/ PRIOR APPLICATION NUMBER: 60/359,223
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: 60/379,360
/ PRIOR FILING DATE: 2002-05-08
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 2
```

```

; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-2
Query Match      0.3%; Score 21.8; DB 1; Length 32;
Best Local Similarity 92.0%; Pred. No. 1.9e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGCTT 4488
DB 1 TTTTGTGCTT 25

RESULT 97
US-10-371-600-9/c
; Sequence 9, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-9
Query Match      0.3%; Score 21.8; DB 1; Length 32;
Best Local Similarity 92.0%; Pred. No. 1.9e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGCTT 4488
DB 32 TTTTGTGCTT 8

RESULT 98
US-10-371-600-10
; Sequence 10, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-371-600-10
Query Match      0.3%; Score 21.8; DB 1; Length 32;
Best Local Similarity 92.0%; Pred. No. 1.9e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGCTT 4488
DB 1 TTTTGTGCTT 25

RESULT 99
US-10-217-914-4/c
; Sequence 4, Application US/10217914
; Publication No. US20030013160A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kulmelis
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/10/217,914
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 09/648,040
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-10-217-914-4
Query Match      0.3%; Score 21.6; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.8e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGCTT 4488
DB 30 GGACTTTTGTGCTT 2

RESULT 100
US-09-942-310-52/c
; Sequence 52, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Anderson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaisson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GC119.1US
; CURRENT APPLICATION NUMBER: US/09/942,310
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
```

US-09-942-310-52

Query Match	0.3%	Score 21.4;	DB 1;	Length 25;
Best Local Similarity	95.7%;	Pred. No. 1.5e+02;		
Matches 22;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

[illegible]

RESULT 101

```

US-09-942-310-59
; Sequence 59, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risting, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olafsson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: G019, IUS
; CURRENT APPLICATION NUMBER: US/09/942,310
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 59
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-59

```

Query Match	0.3%	Score 21.4;	DB 1;	Length 25;
Best Local Similarity	95.7%	Pred. No. 1.5e+02;		
Matches 22;	Conservative	0;	Mismatches 1;	Indels 0;
			Gaps	0

[illegible]

RESULT 102

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US-09-997-931-5/c
; Sequence 5, Application US/09997931
; Publication No. US2003087241A1
; GENERAL INFORMATION:
; APPLICANT: University of Rochester
; APPLICANT: Kool, Eric
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
; FILE REFERENCE: 220.0001012
; CURRENT APPLICATION NUMBER: US/09/997,931
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/569,344
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 08/805,631
; PRIOR FILING DATE: 1997-02-26
; PRIOR APPLICATION NUMBER: US 08/393,439
; PRIOR FILING DATE: 1995-02-23
; PRIOR APPLICATION NUMBER: US 08/047,860
; PRIOR FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: circular template
US-09-997-931-5

```

Query Match	0.3%	Score 21.2;	DB 1;	Length 26;
Best Local Similarity	88.5%;	Pred. No. 1.7e+02;		
Matches 23;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	4464	TTTTTTTTTTTTTTTTTGTCTTG	4489
Db	26	TTTTTTTTTTTTTTGTTTTTTTG	1

RESULT 103

```

US-10-336-638-152
; Sequence 152, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Allymetric, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ. ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 152
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: APOA4 3058
US-10-336-638-152

```

Query Match	0.3%	Score 21.2;	DB 1;	Length 29;
Best Local Similarity	82.1%;	Pred. No. 2e+02;		
Matches	23;	Conservative	1;	Mismatches 4;
				Indels 0;
				Gaps 0;

QY 7405 AGCAACATCAGCAGCAGCAGCAGCA 7432
||||| : ||| ||||| |||
Db 2 AGCAGGAACAGCAKCAAGAGCAGCA 29

RESULT 104

US-09-927-777A-69/C
 ; Sequence 69. Application US/09927777A
 ; Patent No. US20020172953A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mirkin, Chad A.
 ; APPLICANT: Letsinger, Robert L.
 ; APPLICANT: Mucic, Robert C.
 ; APPLICANT: Strohoff, James J.
 ; APPLICANT: Elghamian, Robert
 ; APPLICANT: Talon, Thomas A.
 ; APPLICANT: Garimella, Viswanadham
 ; APPLICANT: Li, Zhi
 ; APPLICANT: Park, So-Jung
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
 ; TITLE OR INVENTION: AND USES THEREFOR
 ; FILE REFERENCE: 00-653-A
 ; CURRENT APPLICATION NUMBER: US/09/927,777A
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: 09/820,279
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 09/760,500
 ; PRIOR FILING DATE: 2001-01-12
 ; PRIOR APPLICATION NUMBER: 09/603,830
 ; PRIOR FILING DATE: 2000-06-26
 ;


```

; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-69
```

```
Query Match          0.3%; Score 21.2; DB 1; Length 31;
Best Local Similarity 88.5%; Pred. No. 2.3e+02;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4457 CAGGACTTTTTTTTTTTTTTTT 4482
Db      26  CATAGGTTTTTTTTTTTTTTTTT 1
```

```
RESULT 107
US-10-075-335-5
; Sequence 5, Application US/10075335
; Publication No. US20030186237A1
; GENERAL INFORMATION:
; APPLICANT: Ginsberg, Stephen
; TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
; FILE REFERENCE: HO-P02202US2
; CURRENT APPLICATION NUMBER: US/10/075,335
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/268,664
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/348,242
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/268,645
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/344,557
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/306,216
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/350,176
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: (31)..(31)
; OTHER INFORMATION: V = A or C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (32)..(32)
; OTHER INFORMATION: N = A or C or G or T
US-10-075-335-5
```

```
Query Match          0.3%; Score 21.2; DB 1; Length 32;
Best Local Similarity 95.5%; Pred. No. 2.4e+02;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4463 CTTTTTTTTTTTTTTTTTTT 4484
          |||||
```

```
Db      10 CTTTTTTTTTTTTTTTTT 31
```

```
RESULT 108
US-09-888-326-240/C
; Sequence 240, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 240
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-240
```

```
Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
Db      21  CAGCAGCAGCAGCAGCAGCAG 1
```

```
RESULT 109
US-09-776-479-780/C
; Sequence 780, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780
```

```
Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
Db      21  CAGCAGCAGCAGCAGCAGCAG 1
```

```
RESULT 110
US-09-776-479-780/c
; Sequence 780, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB      21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 111
US-09-940-227-48/c
; Sequence 48, Application US/09940227
; Publication No. US20030017468A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Sei Yu
; APPLICANT: Macina, Roberto
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Hervé
; TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
; FILE REFERENCE: DEX-0230
; CURRENT APPLICATION NUMBER: US/09/940,227
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,378
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-227-48

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5593 TGGATTGGTTTAAGTGGCC 5613
DB      21 TGGATTGGTTTAAGTGGTGC 1

RESULT 112
US-10-314-578-780/c
; Sequence 780, Application US/10314578
; Publication No. US20030212026A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-780

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB      21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 113
US-10-112-653-753/c
; Sequence 753, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 753
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-753

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB      21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 114
US-10-017-995-780/c
; Sequence 780, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
```

```

1 FILE REFERENCE: C1037/7025 (HCL/MAT)
2 CURRENT APPLICATION NUMBER: US/10/017,995
3 CURRENT FILING DATE: 2001-12-18
4 PRIOR APPLICATION NUMBER: US 60/255,534
5 PRIOR FILING DATE: 2000-12-14
6 NUMBER OF SEQ ID NOS: 1093
7 SOFTWARE: FastSeq for Windows Version 3.0.
8 SEQ ID NO 780
9 LENGTH: 21
10 TYPE: DNA
11 ORGANISM: Artificial Sequence
12 FEATURE:
13 OTHER INFORMATION: Synthetic Sequence
14 US-10-017-995-780

```

Query Match	0.3%;	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 1.3e+02;		
Matches 21; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	7413	CAGCAGCAGCAGCAGCAGCAG	7433
Db	21	CAGCAGCAGCAGCAGCAG	1

```

RESULT 115
US-10-007-078-4
; Sequence 4, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIP2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007, 078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-007-078-4

```

Query Match	0.3%;	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 1.3e+02;		
Matches 21; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

```

QY      1711 GAGCCTATGTTCCGGCATCTC 1731
          |||||
Db      1 GAGCCTATGTTCCGGCATCTC 21

```

```

/ RESULT 116
/ US-10-410-031-190
/ Sequence 190, Application US/10410031
/ Publication No. US20040010817A1
/ GENERAL INFORMATION:
/ APPLICANT: Shocke, Jay M.
/ APPLICANT: Schurr, Judy
/ APPLICANT: Browne, John A.
/ TITLE OF INVENTION: Plant Acl- CoA Synthetase
/ FILE REFERENCE: DOM-07654
/ CURRENT APPLICATION NUMBER: US/10/410,031
/ CURRENT FILING DATE: 2003-04-09
/ NUMBER OF SEQ ID NOS: 191
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 190
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic

```

US-10-410-031-190

Query Match	0.3%	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%	Pred. No. 1.3e+02;		
Matches 21; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 4464 TTTTNTTTTTTTTTTTTTTG 4484
 |||||
Dd 1 TTTTNTTTTTTTTTTTTTTG 21

RESULT 117
US-10-081-

Sequence 18, Application US/10081969
Publication No. US20030104625A1

GENERAL INFORMATION:

APPLICANT: Cheng, Cheng
APPLICANT: Clarke, Lori
APPLICANT: Connolly, Sheila
APPLICANT: Ennist, David
APPLICANT: Forry-Schaudies, Suzanne
APPLICANT: Gorziglia, Mario
APPLICANT: Hallenbeck, Paul
APPLICANT: Hay, Carl
APPLICANT: Jakubczak, John
APPLICANT: Kaleko, Michael
APPLICANT: Phillips, Sandra
APPLICANT: Police, Seshidhar
APPLICANT: Ryan, Patricia
APPLICANT: Steward, David
APPLICANT: Xie, Yuefang

TITLE OF INVENTION: No. US20030104625A1 Oncolytic Adenoviral Vectors

FILE REFERENCE: 4-31704A/GTI

CURRENT APPLICATION NUMBER: US/10/081,969

CURRENT FILING DATE: 2002-02-22

Prior APPLICATION NUMBER: US 60/270,922

Prior FILING DATE: 2001-02-23

Prior APPLICATION NUMBER: US 60/295,037

Prior FILING DATE: 2001-06-01

Prior APPLICATION NUMBER: US 60/348,670

Prior FILING DATE: 2000-01-14

NUMBER OF SEQ ID NOS: 98

SOFTWARE: PatentIn version 3.1

LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence

```

? ORGANISM: Artificial Sequence
?
? FEATURE:
? OTHER INFORMATION: Viral vector sequence
?
? FEATURE:
? NAME/KEY: misc feature
? LOCATION: (1)..(24)
? OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
?
? FEATURE:
? NAME/KEY: polyA site
? LOCATION: (3)..(24)
? OTHER INFORMATION:
?
? OS-10-081-969-18

```

Query Match	0.3%;	Score 21;	DB 1;	Length 24;
Best Local Similarity	100.0%;	Pred. No. 1.7e+02;		
Matches 21; Conservative	0;	Mismatches	0;	Indels 0
				Gaps 0

Qy	4464	TTTTTTTTTTTTTTTTTTTTTG	4484
Db	22	TTTTTTTTTTTTTTTTTTTTTG	2

RESULT 118
US-09-927-777A-68/c
; Sequence 68, Application US/09927777R
; Patent No. US20020172953A1
; GENERAL INFORMATION:


```

; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 68
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-68

Query Match      0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTT 4483
DB      21 CTTTTTTTTTTTTTTTTT 1

RESULT 119
US-10-008-978-68/c
; Sequence 68, Application US/10008978
; PUBLICATION NO. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Mirkin, Chad A.
```

```

; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 68
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-68

Query Match      0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTT 4483
DB      21 CTTTTTTTTTTTTTTTTT 1

RESULT 120
US-10-266-983-68/c
; Sequence 68, Application US/10266983
; PUBLICATION NO. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 68
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-10-266-983-68

Query Match          0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTTTTTTTTTTTTTTTT 4483
Db 21 CTTTTTTTTTTTTTTTTT 1

RESULT 121
US-10-335-573-1
; Sequence 1, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abartzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
US-10-335-573-1

Query Match          0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTTTTTTTTTTTTTTTT 4483
```

```
Db 10 CTTTTTTTTTTTTTTTTT 30

RESULT 122
US-10-208-357-14/C
; Sequence 14, Application US/10208357
; Publication No. US20020182667A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-10-208-357-14

Query Match          0.3%; Score 21; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTG 4484
Db 30 TTTTTTTTTTTTTTTTG 10

RESULT 123
US-10-335-573-3
; Sequence 3, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abartzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
; NAME/KEY: misc feature
; LOCATION: 31-32
; OTHER INFORMATION: n=a,t,c,g or g
US-10-335-573-3

Query Match          0.3%; Score 21; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTTTTTTTTTTTTTTTT 4483
Db 10 CTTTTTTTTTTTTTTTTT 30
```

```

RESULT 124
US-09-920-342-12
Sequence 12, Application US/09920342
Patent No. US20020137709A1
GENERAL INFORMATION:
APPLICANT: University of Southern California
APPLICANT: Lin, Shi-Lung
APPLICANT: Chuong, Cheng-Ming
APPLICANT: Kidelitz, Randall B.
TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
FILE REFERENCE: 13761-7024
CURRENT APPLICATION NUMBER: US/09/920,342
CURRENT FILING DATE: 2002-01-17
PRIORITY APPLICATION NUMBER: US 60/222,479
PRIOR FILING DATE: 2000-08-02
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Poly(dT)24 primer
US-09-920-342-12

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTCTGCTCCT 4487
DB      1 TTTTGTCTGCTCCT 24

RESULT 125
US-09-920-313-148
Sequence 148, Application US/09920313
Publication No. US20020198165A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Nucleic Acids for the Prevention and
FILE REFERENCE: C1037/7019 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/920,313
CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION NUMBER: US 60/222,248
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 148
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 148
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-920-313-148

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTCTGCTCCT 4487
DB      1 TTTTGTCTGCTCCT 24

RESULT 126
US-09-949-305B-6
Sequence 6, Application US/09949305B
Publication No. US20030022318A1
GENERAL INFORMATION:
APPLICANT: Yang, Shao-Yao
TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
FILE REFERENCE: 266/014
CURRENT APPLICATION NUMBER: US/09/949,305B
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 09/494,212
PRIOR FILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 24
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTCTGCTCCT 4487
DB      1 TTTTGTCTGCTCCT 24

RESULT 127
US-09-888-326-841
Sequence 841, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 841
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTCTGCTCCT 4487
DB      1 TTTTGTCTGCTCCT 24

RESULT 128
US-09-776-479-433
Sequence 433, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fourou, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

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; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 129
US-09-776-479-433
; Sequence 433, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 130
US-09-776-479-961
; Sequence 961, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
```

```
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 131
US-09-776-479-961
; Sequence 961, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 132
US-09-776-479-962/C
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

```

Query Match 0.3%; Score 20.8; DB 1; length 24;
Best Local Similarity 91.7%;
Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTGCT	4487
Db	24	TTTTTTTTTTTTTTTTTTTTTTT	1

```

RESULT 133
US-09-776-479-962/c
: Sequence 962, Application US/09776479
: Publication No. US20040067902a9
: GENERAL INFORMATION:
: APPLICANT: Bretzler, Robert L.
: APPLICANT: Petersen, Deanna M.
: TITLE OR INVENTION: Immunosuppressory Nucleic Acids for the
: TITL OF INVENTION: Treatment of Asthma and Allergy
: FILE REFERENCE: C1037/77013 (HCL/PAT)
: CURRENT APPLICATION NUMBER: US/09/776,479
: CURRENT FILING DATE: 2001-02-02
: PRIOR APPLICATION NUMBER: US 60/179,991
: PRIOR FILING DATE: 2000-02-03
: NUMBER OF SEQ ID NOS: 1093
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 962
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

```

Query Match	0.3%	Score 20.8	DB 1	Length 24
Best Local Similarity	91.7%	Pred. No. 1.8e+02		
Matches 22, Conservative	0	Mismatches 2	Indels 0	Gaps 0

OY	4464	TTTTTTTTTTTTTTGGCT	4487
Db	24	TTTTTTTTTTTTTTTTTTTT	1

```

RESULT 134
US-09-732-047B-1/c
/ Sequence 1, Application US/09732047B
/ Publication No. US20040175696A1
/ GENERAL INFORMATION:
/ APPLICANT: Ullman, Edwin
/ APPLICANT: Singh, Rajendra
/ APPLICANT: Dekeczet, Steve
/ APPLICANT: Davallian, Darlusch
/ TITLE OF INVENTION: Amplified Luminescent Homogeneous
/ TITLE OF INVENTION: Immunoassay
/ FILE REFERENCE: BEH-7385
/ CURRENT APPLICATION NUMBER: US/09/732,047B
/ CURRENT FILING DATE: 2000-12-07
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 1
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: hybridization oligo
US-09-732-047B-1

```

Query Match	0.3%	Score 20.8	DB 1	Length 24
Best Local Similarity	91.7%	Pred. No. 1.8e+02		
Matches 22	Conservative	0	Mismatches 2	Indels 0
				Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTGCT	4487
Dd	24	TTTTTTTTTTTTTTTTTTTTT	1

RESULT 135
US-10-058-270A-140
; Sequence 140, Application US/10058270A
; Publication No. US20040029114A1

```

APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
APPLICANT: Afari, Daniel
APPLICANT: Bos Biootechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Breast Cancer
FILE REFERENCE: 018501-005210US
CURRENT APPLICATION NUMBER: US/10/058,270A
CURRENT FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US 60/263,965
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/265,928
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 09/829,472
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/282,698
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/288,590
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/294,443
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 141
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 140

```

```

1 ORGANISM: Artificial Sequence
2
3 FEATURE:
4
5 OTHER INFORMATION: Description of Artificial Sequence: T7-T24 oligo
6
7 FEATURE:
8
9 NAME/KEY: modified base
10
11 LOCATION: (8)..(24)
12
13 OTHER INFORMATION: c at positions 8-24 may be present or absent
14
15 OS-10-058-270A-140

```

Query Match	0.3%	Score 20.8;	DB 1;	Length 24;
Best Local Similarity	91.7%;	Pred. No. 1.8e+02;		
Matches 22;	Conservative 2;	Mismatches 2;	Indels 0;	Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTTT	GTCT	4487
Db	1	TTTTTTTTTTTTTTTTTTTTT	TTT	24

RESULT 136
US-10-314-578-433
Sequence 433, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
Applicant: Krieger, Arthur M.
Applicant: Schelter, Christian
Applicant: Volmer, Jörg
Title of Invention: Immunostimulatory Nucleic Acids
File Reference: C1039/7035 (HCL/NAT)
Current Application Number: US/10/314,578
Current Filing Date: 2002-12-09
Prior Application Number: US 60/156,113
Prior Filing Date: 1999-09-25
Prior Application Number: US 60/156,135

```
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-433

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTTTTGTCT 4487
Db      1 TTTTGTCTTTTGTCTTTT 24

RESULT 137
US-10-314-578-961
; Sequence 961, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-961

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTTTTGTCT 4487
Db      1 TTTTGTCTTTTGTCTTTT 24

RESULT 138
US-10-314-578-962/c
; Sequence 962, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
```

```
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-962

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTTTTGTCT 4487
Db      24 TTTTGTCTTTTGTCTTTT 1

RESULT 139
US-10-671-628-10
; Sequence 10, Application US/10671628
; Publication No. US20040068105A1
; GENERAL INFORMATION:
; APPLICANT: ITO, Kikukatsu
; TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
; FILE REFERENCE: 2003-1386A/MMC/00653
; CURRENT APPLICATION NUMBER: US/10/671,628
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: 10/009,962
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: PCT/JP00/03806
; PRIOR FILING DATE: 2000-06-12
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: JP11-167439
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer
US-10-671-628-10

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTTTTGTCT 4487
Db      1 TTTTGTCTTTTGTCTTTT 24

RESULT 140
US-10-043-415-4/c
; Sequence 4, Application US/10043415
; Publication No. US20020182620A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; TITLE OF INVENTION: Acid Amplification Products
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/10/043,415
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/09/025,639
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
```

```

: SOFTWARE: FASTSEQ for Windows Version 3.0
: SEQ ID NO 4
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: NAME/KEY: misc binding
: LOCATION: (1)..(24)
: OTHER INFORMATION: Synthetic DNA Probe
: US-10-043-415-4

```

Query Match	0.3%	Score 20.8	DB 1	Length 24
Best Local Similarity	91.7%	Pred. No. 1.8e+02		
Matches 22	Conservative 0	Mismatches 2	Indels 0	Gaps 0

```

Oy      4464 TTTTTTTTTTTTTTTTTTGTCT 4487
         |||||
Db      24  TTTTTTTTTTTTTTTTTTTTTT 1

```

```

RESULT 141
US-10-112-653--415
; Sequence 415: Application US/10112653
; Publication No. US20030050266A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: CO1039/70060(ANS)
CURRENT FILING DATE: 2002-03-29
PRIORITY FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 415
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653--415

```

Query Match	0.3%	Score 20.8	DB 1	Length 24
Best Local Similarity	91.7%	Pred. No. 1.8e+02		
Matches 22; Conservative	0	Mismatches 2	Indels 0	Gaps 0

Oy 4464 TTTTYYYTTTTTTTTTTTGCT 4487
| | | | | | | | | | | | | |
Db 1 TTTTTTTTTTTTTTTTTTTTTT 24

```

RESULT 142
US-10-112-653-919
: Sequence 919, Application US/10112653
: Publication No. US20030050266A1
: GENERAL INFORMATION:
: APPLICANT: Kries, Arthur M.
: APPLICANT: Berg, Daniel J.
: TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
: TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
: FILE REFERENCE: C01039/70060 (AWS)
: CURRENT APPLICATION NUMBER: US/10/112,653
: CURRENT FILING DATE: 2002-03-29
: PRIOR APPLICATION NUMBER: US 60/279,642
: PRIOR FILING DATE: 2001-03-29
: NUMBER OF SEQ ID NOS: 1040
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 919
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence

```

```

; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-919

```

Query Match	0.3%	Score 20.8;	DB 1;	Length 24;
Best Local Similarity	91.7%;	Pred. No. 1.8e+02;		
Matches 22;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

```

OY      4464 TTTTTTTTTTTTTTTTTTGTCT 4487
         |||||
Db       1 TTTTTTTTTTTTTTTTTTTTTT 24

```

```

RESULT 143
US-10-112-653-920/c
Sequence 920, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: CG1039/70060(AUS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 920
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-920

```

Query Match	0.3%	Score	20.8	DB 1	Length	24			
Best Local Similarity	91.7%	Pred. No.	1	8e+02					
Matches	22	Conservative	0	Mismatches	2	Indels	0	Gaps	0

[illegible]

```

RESULT 144
US-10-017-995-433
; Sequence 433; Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

Query Match          0.3%;   Score 20.8;   DB 1;   Length 24;
Best Local Similarity 91.7%;   Pred. No. 1.8e+02;
Matches    22; Conservative    0; Mismatches      2; Indels      0; Gaps      0.

```


Db 1 |||||
1 TTTT

RESULT 145

US-10-017-995-961
; Sequence 961, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961

Query Match 0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTT
Db 1 TTTT

RESULT 146

US-10-017-995-962/C
; Sequence 962, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-962

Query Match 0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTT
Db 24 TTTT

RESULT 147

US-10-058-513-39
; Sequence 39, Application US/10058513
; Publication No. US20030087245A1
; GENERAL INFORMATION:
; APPLICANT: Gish, Kurt C.
; APPLICANT: Mack, David H.

; APPLICANT: Afar, Daniel
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Uses of PHL in the Diagnosis and Therapeutic Treatment
; TITLE OF INVENTION: of Prostate Cancer
; FILE REFERENCE: 018501-00591005
; CURRENT APPLICATION NUMBER: US/10/058,513
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,951
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (DT)-24
US-10-058-513-39

Query Match 0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTT
Db 1 TTTT

RESULT 148
US-10-216-122-151/C
; Sequence 151, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazazian, Haig H.
; APPLICANT: Oesterlag, Eric
; APPLICANT: Debernardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1995-11-16
; PRIOR APPLICATION NUMBER: US 60/006,831
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 151
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert
US-10-216-122-151

Query Match 0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4462 ACTT
Db 24 ACTT

RESULT 149
US-10-272-502A-2
; Sequence 2, Application US/10272502A
; Publication No. US20030139364A1
; GENERAL INFORMATION:

```

: APPLICANT: Krieg, Arthur M.
: APPLICANT: Schetter, Christian
: APPLICANT: Bratzler, Robert L.
: APPLICANT: Vollmer, Jorg
: APPLICANT: Bauer, Stefan
: APPLICANT: Jurk, Marion
: TITLE OR INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING
: TITLE OF INVENTION: IMD1420QUINOLINE COMPOUNDS
: FILE REFERENCE: C01039.70065.US
: CURRENT APPLICATION NUMBER: US/10/272,502A
: CURRENT FILING DATE: 2002-10-15
: PRIOR APPLICATION NUMBER: 60/3329,208
: PRIOR FILING DATE: 2001-10-12
: NUMBER OF SEQ ID NOS: 31
: SOFTWARE: Patentin Version 3.1
: SEQ ID NO 2
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Oligonucleotide
: US-10-272-502A-2

```

	Query Match	0.3%	Score 20.8;	DB 1.	Length 24;
	Best Local Similarity	91.7%;	Pred. No. 1.8e+02;		
	Matches 22; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;
CY	4464 TTTTTTTTGGCTCCT	4487			
b	1 TTTTTTTTTTTTTTTTTT	24			

Qy	4464	TTTTTTTTTTTTTTTTTGGCT	4487
Db	1	TTTTTTTTTTTTTTTTTTTTT	24

```

RESULT 150
US-10-224-523-53
/ Sequence 53, Application US/10224523
/ Publication No. US20030148976A1
/ GENERAL INFORMATION:
/ APPLICANT: Kries, Arthur
/ APPLICANT: Vollmer, Jorg
/ APPLICANT: Ullmann, Bugen
/ TITLE OF INVENTION: Combination Mofit Immune Stimulatory Oligonucleotides with Impro
/ TITLE OF INVENTION: Acetylty
/ FILE REFERENCE: C01039/70063 (HCL/AMS)
/ CURRENT APPLICATION NUMBER: US/10/224,523
/ CURRENT FILING DATE: 2002-08-19
/ PRIOR APPLICATION NUMBER: US 60/313,273
/ PRIOR FILING DATE: 2001-08-17
/ PRIOR APPLICATION NUMBER: US 60/393,952
/ PRIOR FILING DATE: 2002-07-03
/ NUMBER OF SEQ ID NOS: 81
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 53
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-224-523-53

```

Query Match	0.3%	Score 20.8	DB 1	Length 24
Best Local Similarly	91.7%	Pred. No. 1.8e+02		
Matches 22; Conservative	0	Mismatches 2	Indels 0	Gaps 0

OY	4464	TTTTTTTTTTTTTTTGTCT	4487
Dø	1	TTTTTTTTTTTTTTTTTTTTT	24

RESULT 151
US-10-389-665-4/C
; Sequence 4, Application US/10389665
; Publication No. US20030175785A1
; GENERAL INFORMATION:

```

1  APPLICANT: Kurn, Nurith
2  APPLICANT: Patel, Rajesh D.
3  TITLE OF INVENTION: Quantitative Determination of Nucleic
4  TITLE OF INVENTION: Acid Amplification Products
5  FILE REFERENCE: BEH-7408
6  CURRENT APPLICATION NUMBER: US/10/389,665
7  CURRENT FILING DATE: 2003-03-14
8  PRIOR APPLICATION NUMBER: US/09/025,639
9  PRIOR FILING DATE: 1998-02-18
10 NUMBER OF SEQ ID NOS: 8
11 SOFTWARE: FastSeq for Windows Version 3.0
12 SEQ ID NO 4
13 LENGTH: 24
14 TYPE: DNA
15 ORGANISM: Artificial Sequence
16 FEATURE:
17 NAME/KEY: misc_binding
18 LOCATION: (1)..(24)
19 OTHER INFORMATION: Synthetic DNA Probe
20 US-10-389-665-4

```

Query Match	0.3%	Score	20.8	DB	1	Length	24
Best Local Similarity	91.7%	Pred. No.	1.8e+02				
Matches	22	Conservative	2	Mismatches	2	Indels	0
						Gaps	0

[illegible]

```

RESULT 152
US-10-309-775A-19
; Sequence 19, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-19

```

Query Match	0.3%	Score	20.8	DB 1	Length	24			
Best Local Similarity	91.7%	Pred. NO.	1.8e+02						
Matches	22	Conservative	0	Mismatches	2	Indels	0	Gaps	0

QY	4464	TTTTTTTTTTTTTTTTTTGCT	4487
Db	1	TTTTTTTTTTTTTTTTTTTTT	24

RESULT 153
US-10-360-511-14
Sequence 14, Application US/10360511
Publication No. US20040014078A1
GENERAL INFORMATION:
APPLICANT: XIA, JAMES
APPLICANT: BRUSH, CHARLES
APPLICANT: GUPTA, VINNET
APPLICANT: HUANG, HESHU
APPLICANT: LI, CHANGTING
APPLICANT: MARACAS, GEORGE
APPLICANT: MARRERO, ROBERT

APPLICANT: GUPTA, VINET
APPLICANT: HUANG, HESHU
APPLICANT: LI, CHANGMING
APPLICANT: MARACAS, GEORGE
APPLICANT: MARRERO, ROBERT

```

? APPLICANT: RAY, MELISSA
? APPLICANT: SON, LEI
? APPLICANT: ZHANG, PEIMING
? TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ROLLING CIRCLE AMPLIFICATION
? FILE REFERENCE: PU0290
? CURRENT APPLICATION NUMBER: US/10/360,511
? PRIOR FILING DATE: 2003-02-06
? PRIOR APPLICATION NUMBER: 60/355,374
? PRIOR FILING DATE: 2002-02-06
? NUMBER OF SEQ ID NOS: 18
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 14
? LENGTH: 24
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence: Synthetic
? OTHER INFORMATION: oligonucleotide
US-10-360-511-14

```

Query Match	0.3%;	Score 20.8;	DB 1;	Length 24;
Best Local Similarity	91.7%;	Pred. No. 1.8e+02;		
Matches 22;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTTGCT	4487
Db	1	TTTTTTTTTTTTTTTTTTTTT	24

```

RESULT 154
US-10-062-188-106
Sequence 106, Application US/10062188
Publication No. US20040096826A1
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: Methods For Creating Recombination
TITLE OF INVENTION: Products Between Nucleotide Sequences
FILE REFERENCE: P-EA 5008
CURRENT APPLICATION NUMBER: US/10/062,188
CURRENT FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 106
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic construct
US-10-062-188-106

```

Query Match 0.38; Score 20.8; DB 1; Length 24;

```
Matches    22; Conservative    0; Mismatches    2; Indels    0; Gaps    0;
```

Qy	4464	TTTTTTTTTTTTTTTTTTTGGCT	4487
Db	1	TTTTTTTTTTTTTTTTTTTTTTT	24

```

RESULT 155
US-10-374-307-13/C
; Sequence 13, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE OF INVENTION: SYNTHESIS DEVICE
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
;

```

```

: NUMBER OF SEQ ID NOS: 21
: SOFTWARE: SeqSift for Windows Version 4.0
: SEQ ID NO 13
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Homo sapien
: US-10-374-307-13

```

Query Match	0.3%	Score 20.8;	DB 1;	Length 24;
Best Local Similarity	91.7%;	Pred. No. 1.8e+2;		
Matches 22;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTTTGTC	4487
Db	24	TTTTTTTTTTTTTTTTTTTTTTTT	1

```

RESULT 156
US-10-374-307-16
/ Sequence 16, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINthead MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ TITLE OF INVENTION: SYNTHESIS DEVICE
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 16
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-16

```

Query Match	0.3%;	Score 20.8;	DB 1;	length 24;
Best Local Similarity	91.7%;	Pred. No. 1.8e+02;		
Matches 22;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTGCT	4487
Db	1	TTTTTTTTTTTTTTTTTTTTT	24

```

RESULT 157
US-10-480-013-2
: Sequence 2, Application US/10460013
: Publication No. US20040157794A1
: GENERAL INFORMATION:
: APPLICANT: Pohang Foundation
: TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
: TITLE OF INVENTION: HYBRIDS
: FILE REFERENCE: PCA20533/BSC
: CURRENT APPLICATION NUMBER: US/10/480,013
: CURRENT FILING DATE: 2003-12-04
: NUMBER OF SEQ ID NOS: 3
: SOFTWARE: Kopacntn 1.71
: SEQ ID NO 2
: LENGTH: 25
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (13)
: OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
US-10-480-013-2

```



```
; APPLICANT: Ireland, James S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1526
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-1526
```

```
Query Match          0.3%; Score 20.6; DB 1; Length 31;
Best Local Similarity 79.3%; Pred. No. 2.8e+02;
Matches 23; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      7406 GCAACATCAGCAGCAGCAGCAGCAGC 7434
Db      2   GCAAGCGCAGCGCGCGCAGCGCAGCAGC 30
```

```
RESULT 163
US-10-216-122-94/c
; Sequence 94, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazazian, Halg H.
; APPLICANT: Oseberg, Eric
; APPLICANT: Deberardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 94
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-216-122-94
```

```
Query Match          0.3%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4464 TTTTCTTTTCTTTTCTTTTGT 4485
Db      22 TTTTCTTTTCTTTTCTTTTGT 1
```

```
RESULT 164
US-10-335-573-6
; Sequence 6, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Adairza, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
```

```
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
US-10-335-573-6
```

```
Query Match          0.3%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4464 TTTTCTTTTCTTTTCTTTTGT 4485
Db      1 TTTTCTTTTCTTTTCTTTTGT 22
```

```
RESULT 165
US-10-205-841-26
; Sequence 26, Application US/10205841
; Publication No. US20030093226A1
; GENERAL INFORMATION:
; APPLICANT: Ashby, Matthew
; APPLICANT: Scherer, Stewart
; APPLICANT: Phillips, John
; APPLICANT: Ziman, Michael
; APPLICANT: Marini, Nicholas
; TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF REPORTER AND TARGET MOLECULES
; FILE REFERENCE: 9301-187
; CURRENT APPLICATION NUMBER: US/10/205,841
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/540,806
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-205-841-26
```

```
Query Match          0.3%; Score 20.4; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 2.2e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4459 TGGACTTTTCTTTTCTTTTCTTTT 4480
Db      4 TGGCTTTTCTTTTCTTTTCTTTT 25
```

```
RESULT 166
US-10-291-986-4/c
; Sequence 4, Application US/10291986
; Publication No. US20030215825A1
; GENERAL INFORMATION:
; APPLICANT: SUN-WING, TONG
; TITLE OF INVENTION: IMPROVED METHOD OF DETECTING MOLECULAR TARGET BY
; FILE REFERENCE: 5321-3
; CURRENT APPLICATION NUMBER: US/10/291,986
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: AU PS1597
; PRIOR FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
```

SEQ ID NO 4
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-291-986-4

Query Match 0.3%; Score 20.4; DB 1; Length 29;
Best Local Similarity 95.5%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGCAGC 7434
Db 29 CAGCAGCAGCAGCAGCAGCAGC 8

RESULT 167
US-09-853-745-37
Sequence 37, Application US/09853745
Publication No. US2003003955A1
GENERAL INFORMATION:
APPLICANT: Feng, Ya
APPLICANT: Tang, Hengli
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PRODUCTION
FILE REFERENCE: 12934-002001
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US/09/853,745
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 60/206,997
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 37
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetically generated primer
US-09-853-745-37

Query Match 0.3%; Score 20.4; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 2.9e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 4465 TTTTCTTTTCTTTCTTTGCTTGAGACA 4494
Db 1 TTTTCTTTTCTTTCTTTGCTTTAAATA 30

RESULT 168
US-10-133-937-99
Sequence 99, Application US/10133937
Publication No. US20030207278A1
GENERAL INFORMATION:
APPLICANT: Khan, Javed
APPLICANT: Ringner, Markus
APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
FILE REFERENCE: 11613.56US01
CURRENT APPLICATION NUMBER: US/10/133,937
CURRENT FILING DATE: 2002-11-04
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.1
SEQ ID NO 99
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Primer
US-10-133-937-99

Query Match 0.3%; Score 20.2; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.9e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTCTTTTCTTTT 4484
Db 1 TTTTCTTTTCTTTTCTTTTCTTTT 21

RESULT 169
US-10-159-563-99
Sequence 99, Application US/10159563
Publication No. US20040009154A1
GENERAL INFORMATION:
APPLICANT: Khan, Javed
APPLICANT: Ringner, Markus
APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
FILE REFERENCE: 11613.56US11
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 10/133,937
CURRENT FILING DATE: 2002-04-25
NUMBER OF SEQ ID NOS: 444
SOFTWARE: PatentIn version 3.1
SEQ ID NO 99
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-159-563-99

Query Match 0.3%; Score 20.2; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.9e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTCTTTTCTTTT 4484
Db 1 TTTTCTTTTCTTTTCTTTTCTTTT 21

RESULT 170
US-10-314-321A-56
Sequence 56, Application US/10314321A
Publication No. US20030190648A1
GENERAL INFORMATION:
APPLICANT: Hitachi, Ltd.
TITLE OF INVENTION: Gene Predicting Method
FILE REFERENCE: 31010118US1
CURRENT APPLICATION NUMBER: US/10/314,321A
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: JP 2002-103333
CURRENT FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 56
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (22)
OTHER INFORMATION: partial sequence of AL365356, n is a, c, g or t
US-10-314-321A-56

Query Match 0.3%; Score 20.2; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 2e+02;

Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4484

Db 1 TTTTGTGTTTGTGTTTGT 21

RESULT 171

US-10-002-536A-2
; Sequence 2, Application US/10002536A
; Publication No. US20030108874A1
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
; NAME/KEY: misc feature
; LOCATION: (23)-(25)
; OTHER INFORMATION: n may be selected from a or c or g or t.
US-10-002-536A-2

Query Match 0.3%; Score 20.2; DB 1; Length 25;
Best Local Similarity 95.2%; Pred. No. 2.4e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4484

Db 2 TTTTGTGTTTGTGTTTGT 22

RESULT 172

US-10-418-182-148
; Sequence 148, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 148
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-148

Query Match 0.3%; Score 20.2; DB 1; Length 27;
Best Local Similarity 88.0%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4488

Db 2 TCTTGTGTTTGTGTTTGT 26

RESULT 173

US-09-997-931-6
; Sequence 6, Application US/09997931
; Publication No. US20030087241A1
; GENERAL INFORMATION:
; APPLICANT: University of Rochester
; APPLICANT: Kool, Eric
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
; FILE REFERENCE: 220.00010142
; CURRENT APPLICATION NUMBER: US/09/997,931
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/569,344
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 08/805,631
; PRIOR FILING DATE: 1997-02-26
; PRIOR APPLICATION NUMBER: US 08/393,439
; PRIOR FILING DATE: 1995-02-23
; PRIOR APPLICATION NUMBER: US 08/047,860
; PRIOR FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: multimer
US-09-997-931-6

Query Match 0.3%; Score 20.2; DB 1; Length 29;
Best Local Similarity 88.0%; Pred. No. 3e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4488

Db 5 TTTTGTGTTTGTGTTTGT 29

RESULT 174

US-10-194-138-1/c
; Sequence 1, Application US/10194138
; Publication No. US20030082588A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe modified with gold nanoparticle
; NAME/KEY: misc feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: n is a deoxyadenosine residue modified in 5' with an epianthoster
; OTHER INFORMATION: one disulfide-gold nanoparticle-epianthosterone disulfide conjugate
US-10-194-138-1

Query Match 0.3%; Score 20.2; DB 1; Length 31;
Best Local Similarity 88.0%; Pred. No. 3.3e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TGAAGCTTTT 4483
Db 26 TGAAGCTTTT 2

RESULT 175

US-09-973-788A-55/c
Sequence 55, Application US/09973788A
Patent No. US20020127574A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-110
CURRENT APPLICATION NUMBER: US/09/973,788A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-973-788A-55

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4483
Db 20 TTTT 1

RESULT 176

US-09-973-638A-55/c
Sequence 55, Application US/09973638A
Patent No. US20020137070A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-19
CURRENT APPLICATION NUMBER: US/09/973,638A
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-973-638A-55

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4483
Db 20 TTTT 1

RESULT 177

US-09-974-007-55/c
Sequence 55, Application US/09974007
Patent No. US20020137071A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-18
CURRENT APPLICATION NUMBER: US/09/974,007
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-974-007-55

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4483

Db 20 |||||
TTTTTTTTTTTTTTTTTT 1

RESULT 178

US-09-976-617A-55/c
; Sequence 55, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghariani, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-55

Query Match

Best Local Similarity 0.3%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT||||| 4483

Db 20 TTTT||||| 1

RESULT 179

US-09-961-949A-55/c
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghariani, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755

; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55

Query Match

Best Local Similarity 0.3%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT||||| 4483

Db 20 TTTT||||| 1

RESULT 180

US-09-760-500A-55/c
; Sequence 55, Application US/09760500A
; Patent No. US20020155442A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghariani, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-760-500A-55

Query Match

Best Local Similarity 0.3%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT||||| 4483

Db 20 TTTT||||| 1

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RESULT 181
US-09-967-409A-55/c
; Sequence 55, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanayan, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967, 409A
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603, 830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344, 667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240, 755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031, 809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200, 161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-967-409A-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0.
QY 4464 TTTT TTTTTTTTTTTTTTTTTT 4483
Db 20 TTTT TTTTTTTTTTTTTTTTTT 1

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Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Gaps 0; Indels 0;

Qy      4464 TTTTTTTTTTTTTTTTTT 4483
         |||||
Db       20 TTTTTTTTTTTTTTTTTT 1

RESULT 183
US-09-976-378A-55/c
; Sequence 55, Application US/09976378A
; Patent No. US20020155461A1
GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Tatton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-125
CURRENT APPLICATION NUMBER: US/09/976,378A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-976-378A-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Gaps 0; Indels 0;

Qy      4464 TTTTTTTTTTTTTTTTTT 4483
         |||||
Db       20 TTTTTTTTTTTTTTTTTT 1

```

```

RESULT 184
US-09-976-577-55/c
; Sequence 55, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamdan, Robert
; APPLICANT: Tacon, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-976-577-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;
QY 4464 TTTTTTTTTTTTTTTTTT 4483
DB 20 TTTTTTTTTTTTTTTTTT 1
RESULT 185
US-09-771-554-5
; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: PIGA, Nadia
; APPLICANT: BATAILL-POIRON, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIEFANE DERIVATIVES, DERIVED CONJUGATE
; TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches    20; Conservative   0; Mismatches    0; Indels    0; Gaps    0;

Qy      4464 TTTTTTTTTTTTTTTTTT 4483
           |||||
Db       1 TTTTTTTTTTTTTTTTTT 20

RESULT 186
US-09-966-312-55/c
; Sequence 55, Application US//09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US//09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches    20; Conservative   0; Mismatches    0; Indels    0; Gaps    0;

Qy      4464 TTTTTTTTTTTTTTTTTT 4483
           |||||
Db       20 TTTTITTTTTTTTTTTTTT 1

RESULT 187
US-09-927-777A-55/c
; Sequence 55, Application US//09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
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/ CURRENT APPLICATION NUMBER: US/09/927,777A
/ CURRENT FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 09/820,279
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 09/760,500
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/176,409
/ PRIOR FILING DATE: 2000-01-13
/ PRIOR APPLICATION NUMBER: 60/192,699
/ PRIOR FILING DATE: 2000-03-28
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 60/213,906
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 60/224,631
/ PRIOR FILING DATE: 2000-08-11
/ PRIOR APPLICATION NUMBER: 60/254,392
/ PRIOR FILING DATE: 2000-12-08
/ PRIOR APPLICATION NUMBER: 60/255,235
/ PRIOR FILING DATE: 2000-12-11
/ NUMBER OF SEQ ID NOS: 76
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-927-777A-70

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarly 100.0%; Pctd. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTT 4483
DB 20 TTTTTTTTTTTTTTTTTT 1

RESULT 189
US-09-966-491A-55/c
/ Sequence 55, Application US/09966491A
/ Publication No. US20020182611A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elphanthian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-14
/ CURRENT APPLICATION NUMBER: US/09/966,491A
/ CURRENT FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783

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: PRIOR FILING DATE: 1997-07-21
: PRIOR APPLICATION NUMBER: 60/031,809
: PRIOR FILING DATE: 1996-07-29
: PRIOR APPLICATION NUMBER: 60/200,161
: PRIOR FILING DATE: 2000-04-26
: NUMBER OF SEQ ID NOS: 64
: SOFTWARE: Microsoft Word 2000
: SEQ ID NO 55
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence:random
: OTHER INFORMATION: synthetic sequence
US-09-966-491A-55

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTTTTTTTTT	4483
	20		
Db	20	TTTTTTTTTTTTTTTTTTTTTTTTTTT	1

```

RESULT 190
US-09-976-971A-55/C
; Sequence 55, Application US/0976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Tacon, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFOR
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-976-971A-55

```

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY	4464	4483
20	TTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTT
Db	TTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTT

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RESULT 191
US-09-880-505-83/C
/ Sequence 83, Application US/09880505
/ Publication No. US20030007976A1
/
/ GENERAL INFORMATION:
/
/ APPLICANT: Watson, James D.
/ APPLICANT: Tan, Paul L.J.
/ APPLICANT: Prestidge, Ross
/ TITLE OF INVENTION: Methods and Compounds for the Treatment
/ TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
/ FILE REFERENCE: 11000.100762
/ CURRENT APPLICATION NUMBER: US/09/880,505
/ CURRENT FILING DATE: 2001-06-13
/ PRIOR APPLICATION NUMBER: US 09/324,542
/ PRIOR FILING DATE: 1999-06-02
/ PRIOR APPLICATION NUMBER: US 08/997,080
/ PRIOR FILING DATE: 1997-12-23
/ NUMBER OF SEQ ID NOS: 194
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 83
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Made in a lab
/
US-09-880-505-83

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

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QY      4464 TTTTTTTTTTTTTTTTTTTTTT 4483  
         |||||  
Db      20 TTTTTTTTTTTTTTTTTTTTTT 1
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RESULT 192
US-09-820-279B-55/c
/ Sequence 55, Application US/09820279B
/ Publication No. US20030022169A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-1085-A
/ CURRENT APPLICATION NUMBER: US/09/820,279B
/ CURRENT FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence

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? PRIOR FILING DATE: 2000-04-26
? NUMBER OF SEO ID NOS: 64
? SOFTWARE: Microsoft Word 2000
? SEO ID NO: 55
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURES:
? OTHER INFORMATION: Description of Artificial Sequence:random
? OTHER INFORMATION: synthetic sequence
? OS-09-981-344-55

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No.	1.9e+02;	
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Oy	4464	TTTTTTTTTTTTTTTTTTTTTTT	4483
	20	TTTTTTTTTTTTTTTTTTTTTTT	1
Db			

RESULT 197
 US-09-957-318A-55/c
 ; Sequence 55, Application US/09957318A
 ; Publication No. US20030049630A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mirkin, Chad A.
 ; APPLICANT: Letsinger, Robert L.
 ; APPLICANT: Mucic, Robert C.
 ; APPLICANT: Storhoff, James J.
 ; APPLICANT: Elghanian, Robert
 ; APPLICANT: Taton, Thomas A.
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
 ; TITLE OF INVENTION: AND USES THEREFOR

```

CURRENT APPLICATION NUMBER: US/09/957,318A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-957-318A--55

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.9e+02;		
Matches 20; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

RESULT 198
US-09-974-500A-55/c
; Sequence 55, Application US/09974500A
; Publication No. US20030049631A1

```

GENERAL INFORMATION:
APPLICANT: Markin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Bighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: AND USES THEREFOR
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-17
CURRENT APPLICATION NUMBER: US/09/974,500A
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
IS-09-974-500A-55

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Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No.	1.9e+02;	
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	4483
20		
Db		

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RESULT 199
US-09-975-376A-55/c
/ Sequence 55, Application US/09975376A
/ Publication No. US20030054358A1
GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Stornoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OR INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-112
/ CURRENT APPLICATION NUMBER: US/09/975,376A
/ CURRENT FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: 09/603, 830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344, 667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240, 755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031, 809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200, 161
/ PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64

```



```

1 SOFTWARE: Microsoft Word 2000
2 SEQ ID NO 55
3 LENGTH: 20
4 TYPE: DNA
5 ORGANISM: Artificial Sequence
6 FEATURES:
7 OTHER INFORMATION: Description of Artificial Sequence: random
8 OTHER INFORMATION: Synthetic Sequence
9 US-09-975-376A-55

```

Query Match	0.34;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.04;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	4464	4483
Db	20	1

```

RESULT 200
US-09-957-313A-55/C
: Sequence 55, Application US/09957313A
: Publication No. US20030059777A1
: GENERAL INFORMATION:
: APPLICANT: Mirkin, Chad A.
: APPLICANT: Letsinger, Robert L.
: APPLICANT: Mucic, Robert C.
: APPLICANT: Storhoff, James J.
: APPLICANT: Elghanian, Robert
: APPLICANT: Taton, Thomas A.
: TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
: TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

```

```

1 CURRENT APPLICATION NUMBER: US/09/957.113A
2 CURRENT FILING DATE: 2002-03-05
3 PRIOR APPLICATION NUMBER: 09/603, 830
4 PRIOR FILING DATE: 2000-06-26
5 PRIOR APPLICATION NUMBER: 09/344, 667
6 PRIOR FILING DATE: 1999-06-25
7 PRIOR APPLICATION NUMBER: 09/240, 755
8 PRIOR FILING DATE: 1999-01-29
9 PRIOR APPLICATION NUMBER: PCT/US97/12783
10 PRIOR FILING DATE: 1997-07-21
11 PRIOR APPLICATION NUMBER: 60/031, 809
12 PRIOR FILING DATE: 1996-07-29
13 PRIOR APPLICATION NUMBER: 60/200, 161
14 PRIOR FILING DATE: 2000-04-26
15 NUMBER OF SEQ ID NOS: 64
16 SOFTWARE: Microsoft Word 2000
17 SEQ ID NO 55
18 /
19 / LENGTH: 20
20 /
21 / TYPE: DNA
22 / ORGANISM: Artificial Sequence
23 /
24 / FEATURE:
25 / OTHER INFORMATION: Description of Artificial Sequence:random
26 /
27 / OTHER INFORMATION: synthetic sequence
28 /
29 / US-09-957-113A-55

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative 0;	Mismatches 0;	Indels 0;
				Gaps 0;

Qy	4464		4483
Db	20		1

```

RESULT 201
US-09-912-014-16
; Sequence 16, Application US/09912014
; Publication No. US20030059929A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
;

```

TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS

NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSER: LYON E

ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street

CITY: Los Angeles
STATE: California

COUNTRY: USA
ZIP: 90017

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/146,504
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:

LENGTH: 20
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 16:
2-014-16

Match	0.3%	Score 20	DB 1	Length 20
Local Similarity	100.0%	Pred. No. 1.9e+02		
20; Conservative	0	Mismatches 0	Indels 0	Gaps 0

[illegible]

202
97-672-40
Application US/09997672
Application No. US2003061632A1

AL INFORMATION:
 ILLICANT: Weterings, Koen

ICANT: Apuya, Nestor R.
ICANT: Tatarinova, Tatiana

WITNESSES: Goldberg, Robert B.
 DEPOSED: The Regents of the University of California

3 OF INVENTION: Polynucleotides Useful for Modulating Transcription

REFERENCE: 023070-115810US
APPLICATION NUMBER: US/09/997,672

ENT FILING DATE: 2001-11-28
R APPLICATION NUMBER: US 60/253,672

ER FILING DATE: 2000-11-
ER OF SEQ ID NOS: 42

WARE: P
D NO 40

STH: 20
E: DNA

ANISM: Artificial sequence

Db 20 TTTTTTTTTTTTTTTTTT 1

RESULT 211

US-09-976-601A-55/c
; Sequence 55, Application US/09976601A
; Publication No. US20030124528A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-116
; CURRENT APPLICATION NUMBER: US/09/976,601A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-601A-55

Query Match

Best Local Similarity 0.3%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483

Db 20 TTTTTTTTTTTTTTTTTT 1

RESULT 212

US-09-975-059A-55/c
; Sequence 55, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755

; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-55

Query Match

Best Local Similarity 0.3%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483

Db 20 TTTTTTTTTTTTTTTTTT 1

RESULT 213

US-09-976-968A-55/c
; Sequence 55, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-968A-55

Query Match

Best Local Similarity 0.3%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483

Db 20 TTTTTTTTTTTTTTTTTT 1

```

RESULT 214
US-10-640-618-55/c
; Sequence 55, Application US/10640618
; Publication No. US20040072231A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Muelic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: So-Jung Park
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-G
; CURRENT APPLICATION NUMBER: US/10/640,618
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2001-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-640-618-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483
DB 20 TTTTTTTTTTTTTTTTTT 1

```

```

; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-994-701B-5

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 216
US-09-994-701B-6
; Sequence 6, Application US/09994701B
; Publication No. US20040152076A1
; GENERAL INFORMATION:
; APPLICANT: Richard C. Willson and Jason C. Murphy
; TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATOGRAPHY
; FILE REFERENCE: 96605/13JUL
; CURRENT FILING DATE: 2001-11-06
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: 60/246292
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-994-701B-6

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 217
US-09-916-369A-1
; Sequence 1, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Carothers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003669-1
; CURRENT FILING DATE: US/09/916,369A
; PRIOR FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence

```



```

RESULT 221
US-10-314-578--226
; Sequence 226, Application US/10314578
; Publication No. US20030212026v1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314, 578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-226

```

Query Match	0.3%	Score 20	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No. 1.9e+02		
Matches	20	Conservative	0	Mismatches 0
				Indels 0
				Gaps 0
QY	4464	TTTTTTTTTTTTTTTTTTTT	4483	
Db	1	TTTTTTTTTTTTTTTTTTTT	20	

```

RESULT 222
US-10-314-578-556
; Sequence 556, Application US/10314578
; Publication No. US20030212026a1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schettler, Christiaan
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-556

```

```

Query Match 20: 0.3% Score 20: DB 1: Length 20:
Best Local Similarity 100.0% Pred. No. 1.9e+02:
Matches 20, Conservative 0, Mismatches 0, Indels 0, Gaps 0

QY 4464 TTTTATTTTATTTTATTTTATTTT 4483
|||||
DB 1 TTTTATTTTATTTTATTTTATTTT 20

```

```

RESULT 223
US-10-314-578-560/c
; Sequence 560, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OP INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,115
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OP SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-560

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;
QY	4464	TTTTTTTTTTTTTTTTTTTT	4483	
Db	20	TTTTTTTTTTTTTTTTTTTT	1	

```

RESULT 224
US-10-208-357-26/c
; Sequence 26, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurr, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-26

```

```

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTTTT 4483
         |||
Db       20 TTTTTTTTTTTTTTTTTTTT 1

```

5


```

US-10-112-653-533
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kiteg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-533

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
    |||||
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 230
US-10-112-653-537/c
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kiteg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 537
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
    |||||
Db 20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 231
US-10-077-383-5/c
; Sequence 5, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Salsgene Corporation

```

```

; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20
; OTHER INFORMATION: homopolymer spacer sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (13)..(20)
; OTHER INFORMATION: c at positions 13-20 may be present or absent
US-10-077-383-6

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTTTT 4483
Db       20 TTTTTTTTTTTTTTTTTTTT 1

RESULT 232
US-10-077-383-6
; Sequence 6, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: (T)-12-20
; OTHER INFORMATION: homopolymer spacer sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (13)..(20)
; OTHER INFORMATION: t at positions 13-20 may be present or absent
US-10-077-383-6

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTTTT 4483
Db       20 TTTTTTTTTTTTTTTTTTTT 1

RESULT 233
US-10-017-995-226
; Sequence 226, Application US/10017995

```

```

1 Publication No. US20030005501.4A1
2
3 GENERAL INFORMATION:
4
5 APPLICANT: Bratzler, Robert L.
6
7 TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
8
9 FILE REFERENCE: C1037/7025 (HCL/Mat)
10
11 CURRENT APPLICATION NUMBER: US/10/017,995
12
13 CURRENT FILING DATE: 2001-12-18
14
15 PRIOR APPLICATION NUMBER: US 60/255,534
16
17 PRIOR FILING DATE: 2000-12-14
18
19 NUMBER OF SEQ ID NOS: 1093
20
21 SOFTWARE: FastSeq for Windows Version 3.0
22
23 SEQ ID NO 226
24
25     LENGTH: 20
26
27 TYPE: DNA
28
29 ORGANISM: Artificial Sequence
30
31 FEATURE:
32
33 OTHER INFORMATION: Synthetic Sequence
34
35 US-10-017-995-226

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

RESULT 234

```

US-10-017-995-556
? Sequence 556, Application US/10017995
? Publication No. US20030055014A1
? GENERAL INFORMATION:
? APPLICANT: Bratzler, Robert L.
? TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
? FILE REFERENCE: C1037/7025 (HCL/MAT)
? CURRENT APPLICATION NUMBER: US/10/017,995
? CURRENT FILING DATE: 2001-12-18
? PRIOR APPLICATION NUMBER: US 60/255,534
? PRIOR FILING DATE: 2000-12-14
? NUMBER OF SEQ ID NOS: 1093
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 556
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556

```

Query match 0.38; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0

[illegible]

RESULT 235

```

US-10-017-995-560/c
; Sequence 560, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0

```

```

; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTT	1

RESULT 236
US-10-194-

```

1 / Sequence 32, Application US/10194138
2 / Publication No. US2003008258A1
3 / GENERAL INFORMATION:
4 / APPLICANT: Nanosphere, Inc.
5 / APPLICANT: Gaximella, Vishwanadham
6 / TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
7 / FILE REFERENCE: 01-897-B
8 / CURRENT APPLICATION NUMBER: US/10/194,138
9 / CURRENT FILING DATE: 2002-07-12
10 / PRIOR APPLICATION NUMBER: 60/365472
11 / PRIOR FILING DATE: 2002-03-12
12 / PRIOR APPLICATION NUMBER: 60/305369
13 / PRIOR FILING DATE: 2001-07-13
14 / NUMBER OF SEQ ID NOS: 32
15 / SOFTWARE: PatentIn version 3.1
16 / SEQ ID NO 32
17 / LENGTH: 20
18 / TYPE: DNA
19 / ORGANISM: Artificial Sequence
20 / FEATURE:
21 / OTHER INFORMATION: "a20" oligonucleotide probe
22 / US-10-194-138-32

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches
			0;	Indels
				Gaps
				0

QY	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTTTT	1

RESULT 237

US-10-008-978-55/C
Sequence 55, Application US/10008978
Publication No. US2003008742A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Strohoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10

```

PRIORITY APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/224,631
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/254,418
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: random
OTHER INFORMATION: Synthetic sequence
US-10-008-978-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTT 4483
          |||||
Db       20 TTTTTTTTTTTTTTTTTT 1

RESULT 238
US-10-008-978-70/c
Sequence 70, Application US/10006978
Publication No. US20030087242A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREO
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
```

```

CURRENT FILING DATE: 2002-05-20
PRIORITY APPLICATION NUMBER: 09/927,777
PRIORITY FILING DATE: 2001-08-10
PRIORITY APPLICATION NUMBER: 09/820,279
PRIORITY FILING DATE: 2001-03-28
PRIORITY APPLICATION NUMBER: 09/760,500
PRIORITY FILING DATE: 2001-01-12
PRIORITY APPLICATION NUMBER: 09/603,830
PRIORITY FILING DATE: 2000-06-26
PRIORITY APPLICATION NUMBER: 09/344,667
PRIORITY FILING DATE: 1999-06-25
PRIORITY APPLICATION NUMBER: 09/240,755
PRIORITY FILING DATE: 1999-01-29
PRIORITY APPLICATION NUMBER: PCT/US97/112783
PRIORITY FILING DATE: 1997-07-21
PRIORITY APPLICATION NUMBER: 60/031,809
PRIORITY FILING DATE: 1996-07-29
PRIORITY APPLICATION NUMBER: 60/176,409
PRIORITY FILING DATE: 2000-01-13
PRIORITY APPLICATION NUMBER: 60/192,699
PRIORITY FILING DATE: 2000-03-28
PRIORITY APPLICATION NUMBER: 60/200,161
PRIORITY FILING DATE: 2000-04-26
PRIORITY APPLICATION NUMBER: 60/213,906
PRIORITY FILING DATE: 2000-06-26
PRIORITY APPLICATION NUMBER: 60/224,631
PRIORITY FILING DATE: 2000-08-11
PRIORITY APPLICATION NUMBER: 60/254,392
PRIORITY FILING DATE: 2000-12-08
PRIORITY APPLICATION NUMBER: 60/254,418
PRIORITY FILING DATE: 2000-12-08
PRIORITY APPLICATION NUMBER: 60/255,235
PRIORITY FILING DATE: 2000-12-11
PRIORITY APPLICATION NUMBER: 60/255,236
PRIORITY FILING DATE: 2000-12-11
PRIORITY APPLICATION NUMBER: 60/282,640
PRIORITY FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
    OTHER INFORMATION: Description of Artificial Sequence: random
    OTHER INFORMATION: synthetic sequence
US-10-008-978-70

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0

CY      4464  TTTT TTTT TTTT TTTT TTTT 4483
          |||||
          TTTT TTTT TTTT TTTT TTTT 1

Db      20  TTTT TTTT TTTT TTTT TTTT 1

RESULT 239
US-10-007-078-11/C
Sequence 11, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT FILING DATE: US/10/007,078
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-11

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      26 GTGGAGCTGCTGTCAGGCTC 45
Db      20 GTGGAGCTGCTGTCAGGCTC 1

RESULT 240
US-10-007-078-12/c
; Sequence 12, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-12

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      163 CGCTGACCTCAGAGTCTCC 182
Db      20 CGCTGACCTCAGAGTCTCC 1

RESULT 241
US-10-007-078-13/c
; Sequence 13, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-13

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      326 TCCTGGCCAACTACTTGAG 345
Db      20 TCCTGGCCAACTACTTGAG 1

RESULT 242
US-10-007-078-14/c

; Sequence 14, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-14

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      382 GTGACATCAACCGGATTA 401
Db      20 GTGACATCAACCGGATTA 1

RESULT 243
US-10-007-078-15/c
; Sequence 15, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-15

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      414 AGTCACCGGGAAGTGTGG 433
Db      20 AGTCACCGGGAAGTGTGG 1

RESULT 244
US-10-007-078-16/c
; Sequence 16, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-16

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      543 GGTGACTTTGAGGTGACAA 562
      |||
Db      20 GGTGACTTTGAGGTGACAA 1

RESULT 245
US-10-007-078-17/c
; Sequence 17, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-17

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      555 GGTGACATCCCTGGGGAG 574
      |||
Db      20 GGTGACATCCCTGGGGAG 1

RESULT 246
US-10-007-078-18/c
; Sequence 18, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-18

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      680 CTGTGCAAGCCCTGATGTG 699
      |||
Db      20 CTGTGCAAGCCCTGATGTG 1

RESULT 247
US-10-007-078-19/c
; Sequence 19, Application US/10007078
```

```
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-19

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      818 AGTCTGTGGCCCTGCCATG 837
      |||
Db      20 AGTCTGTGGCCCTGCCATG 1

RESULT 248
US-10-007-078-20/c
; Sequence 20, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-20

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      854 ACATTGATGCTCAGCCACT 873
      |||
Db      20 ACATTGATGCTCAGCCACT 1

RESULT 249
US-10-007-078-21/c
; Sequence 21, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

US-10-007-078-21

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 863 TCTCAGCCACTGCTTTAT 882
|||
DB 20 TCTCAGCCACTGCTTTAT 1

RESULT 250

US-10-007-078-22/c

; Sequence 22, Application US/10007078
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 22

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-22

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 ATCAGAACATAGATGACA 944
|||
DB 20 ATCAGAACATAGATGACA 1

RESULT 251

US-10-007-078-23/c

; Sequence 23, Application US/10007078
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 23

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-23

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 AGATCAAGGCGCTGAGGTG 1008
|||
DB 20 AGATCAAGGCGCTGAGGTG 1

RESULT 252

US-10-007-078-24/c

; Sequence 24, Application US/10007078
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 24

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-24

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1063 CGTCGCCCTGCTAGCCATCA 1082
|||
DB 20 CGTCGCCCTGCTAGCCATCA 1

RESULT 253

US-10-007-078-25/c

; Sequence 25, Application US/10007078
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 25

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-25

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1258 CGCTGATTAGAGCTGAC 1277
|||
DB 20 CGCTGATTAGAGCTGAC 1

RESULT 254

US-10-007-078-26/c

; Sequence 26, Application US/10007078
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 26

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-26

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1268 AGAAGCTGACCGACCAACG 1267
DB 20 AGAAGCTGACCGACCAACG 1

RESULT 255
US-10-007-078-27/C

; Sequence 27, Application US/10007078
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007.078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 27

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-27

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1325 CAGACGACGAGGAGATC 1344
DB 20 CAGACGACGAGGAGATC 1

RESULT 256

US-10-007-078-28/C

; Sequence 28, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007.078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 28

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-28

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1345 AGTCGCTGATGAGATGC 1364
DB 20 AGTCGCTGATGAGATGC 1

RESULT 257

US-10-007-078-29/C

; Sequence 29, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007.078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 29

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-29

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1409 TGAAGATGACATGACGAG 1428
DB 20 TGAAGATGACATGACGAG 1

RESULT 258

US-10-007-078-30/C

; Sequence 30, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007.078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 30

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-30

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1484 CCATTGCCACCCCATCAG 1503
DB 20 CCATTGCCACCCCATCAG 1

RESULT 259

US-10-007-078-31/C

; Sequence 31, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007.078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 31

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-31

```
Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1602 GGTGCTCAGACTTCACAG 1621
      |||
Db      20 GGTGCTCAGACTTCACAG 1

RESULT 260
US-10-007-078-32/c
; Sequence 32, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-32

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1629 GCGGAGATTTCAGAGATG 1648
      |||
Db      20 GCGGAGATTTCAGAGATG 1

RESULT 261
US-10-007-078-33/c
; Sequence 33, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-33

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1746 AGGCTGACGCTCTATTG 1765
      |||
Db      20 AGGCTGACGCTCTATTG 1

RESULT 262
US-10-007-078-34/c
; Sequence 34, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-34

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1785 GCCGGTATGCTGAGTGA 1804
      |||
Db      20 GCCGGTATGCTGAGTGA 1

RESULT 263
US-10-007-078-35/c
; Sequence 35, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-35

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2038 ATCAGCAGGTGTAGGCAG 2057
      |||
Db      20 ATCAGCAGGTGTAGGCAG 1

RESULT 264
US-10-007-078-36/c
; Sequence 36, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-36

Query Match          0.3%; Score 20; DB 1; Length 20;
```


Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Oy 2368 AATGAGCAATTGGAGAG 2387
|||||

Db 20 AATGAGCAATTGGAGAG 1

RESULT 265

US-10-007-078-37/c
; Sequence 37, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 37

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-37

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Oy 2450 TCTATCTGTGCGCCAGCA 2469
|||||

Db 20 TCTATCTGTGCGCCAGCA 1

RESULT 266

US-10-007-078-38/c
; Sequence 38, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 38

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-38

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Oy 2472 CATCCAGGCGCACCGCCAGC 2491
|||||

Db 20 CATCCAGGCGCACCGCCAGC 1

RESULT 267

US-10-007-078-39/c
; Sequence 39, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 39

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-39

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Oy 2692 CACATATCGGGCGAGCA 2711
|||||

Db 20 CACATATCGGGCGAGCA 1

RESULT 268

US-10-007-078-40/c
; Sequence 40, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 40

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-40

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Oy 2739 AGCGTGCAGGTTCCACGAG 2758
|||||

Db 20 AGCGTGCAGGTTCCACGAG 1

RESULT 269

US-10-007-078-41/c
; Sequence 41, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 41

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-41

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2841 GCTGTGCCACCAATTCAG 2860

Db 20 GCTGTGCCACCAATTCAG 1

RESULT 270

US-10-007-078-42/c

; Sequence 42, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 42

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-42

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2891 GAGAGGTAGATGCTTG 2910

Db 20 GAGAGGTAGATGCTTG 1

RESULT 271

US-10-007-078-43/c

; Sequence 43, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 43

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-43

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3081 CAGGTGTCATGACTCA 3100

Db 20 CAGGTGTCATGACTCA 1

RESULT 272

US-10-007-078-44/c

; Sequence 44, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 44

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-44

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3112 ACTCATGCTTGACAGCTTG 3131

Db 20 ACTCATGCTTGACAGCTTG 1

RESULT 273

US-10-007-078-45/c

; Sequence 45, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 45

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-45

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3118 GCTTGACAGCTTGTAAGT 3137

Db 20 GCTTGACAGCTTGTAAGT 1

RESULT 274

US-10-007-078-46/c

; Sequence 46, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 46

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-46

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3177 GGTTGATCTTAGATGGG 3196
 Db 20 GGTTGATCTTAGATGGG 1

RESULT 275
 US-10-007-078-47/c
 ; Sequence 47, Application US/10007078
 ; Publication No. US20030105042A1
 ; GENERAL INFORMATION:

APPLICANT: Donna T. Ward
 APPLICANT: Andrew T. Walt
 TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
 FILE REFERENCE: RTS-0236
 CURRENT APPLICATION NUMBER: US/10/007,078
 CURRENT FILING DATE: 2001-11-08
 NUMBER OF SEQ ID NOS: 88
 SEQ ID NO 47
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-47

Query Match 0.3%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3412 CCCTTATCTCTCTGTCTCA 3431
 Db 20 CCCTTATCTCTCTGTCTCA 1

RESULT 276
 US-10-007-078-48/c
 ; Sequence 48, Application US/10007078
 ; Publication No. US20030105042A1
 ; GENERAL INFORMATION:

APPLICANT: Donna T. Ward
 APPLICANT: Andrew T. Walt
 TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
 FILE REFERENCE: RTS-0236
 CURRENT APPLICATION NUMBER: US/10/007,078
 CURRENT FILING DATE: 2001-11-08
 NUMBER OF SEQ ID NOS: 88
 SEQ ID NO 48
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-48

Query Match 0.3%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3794 AACATGACAACTCTGGAGC 3813
 Db 20 AACATGACAACTCTGGAGC 1

RESULT 277
 US-10-007-078-49/c
 ; Sequence 49, Application US/10007078
 ; Publication No. US20030105042A1
 ; GENERAL INFORMATION:

APPLICANT: Donna T. Ward
 APPLICANT: Andrew T. Walt
 TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
 FILE REFERENCE: RTS-0236

;; CURRENT APPLICATION NUMBER: US/10/007,078
 ;; CURRENT FILING DATE: 2001-11-08
 ;; NUMBER OF SEQ ID NOS: 88
 ;; SEQ ID NO 49
 ;; LENGTH: 20
 ;; TYPE: DNA
 ;; ORGANISM: Artificial Sequence
 ;; FEATURE:
 ;; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-49

Query Match 0.3%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4135 AATGAAGTGTACTGATT 4154
 Db 20 AATGAAGTGTACTGATT 1

RESULT 278
 US-10-007-078-50/c
 ; Sequence 50, Application US/10007078
 ; Publication No. US20030105042A1
 ; GENERAL INFORMATION:

APPLICANT: Donna T. Ward
 APPLICANT: Andrew T. Walt
 TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
 FILE REFERENCE: RTS-0236
 CURRENT APPLICATION NUMBER: US/10/007,078
 CURRENT FILING DATE: 2001-11-08
 NUMBER OF SEQ ID NOS: 88
 SEQ ID NO 50
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-50

Query Match 0.3%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4162 TGACCTGGCTAGTAGGAG 4181
 Db 20 TGACCTGGCTAGTAGGAG 1

RESULT 279
 US-10-007-078-51/c
 ; Sequence 51, Application US/10007078
 ; Publication No. US20030105042A1
 ; GENERAL INFORMATION:

APPLICANT: Donna T. Ward
 APPLICANT: Andrew T. Walt
 TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
 FILE REFERENCE: RTS-0236
 CURRENT APPLICATION NUMBER: US/10/007,078
 CURRENT FILING DATE: 2001-11-08
 NUMBER OF SEQ ID NOS: 88
 SEQ ID NO 51
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-51

Query Match 0.3%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4522 AGAAGTGTGTTCTAGCT 4541
|||
DB 20 AGAAGTGTGTTCTAGCT 1

RESULT 280
US-10-007-078-52/C
; Sequence 52, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-52

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4823 TTGCTATGCACAAACATCT 4842
|||
DB 20 TTGCTATGCACAAACATCT 1

RESULT 281
US-10-007-078-53/C
; Sequence 53, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-53

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4853 CTGTTCTGTTGGCTACATT 4872
|||
DB 20 CTGTTCTGTTGGCTACATT 1

RESULT 282
US-10-007-078-54/C
; Sequence 54, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-54

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4879 CAAGTCACAAAGCTAGCAC 4898
|||
DB 20 CAAGTCACAAAGCTAGCAC 1

RESULT 283
US-10-007-078-55/C
; Sequence 55, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-55

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4965 CTACAGCATGGGTGCCCTA 4984
|||
DB 20 CTACAGCATGGGTGCCCTA 1

RESULT 284
US-10-007-078-56/C
; Sequence 56, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-56

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4987 GGCACAGCCAGCTGAGAG 5006

Db 20 GGCACAGCCGAGCTGAAGA 1

RESULT 285

US-10-007-078-57/c
; Sequence 57, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-57

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5052 CATTCCTTACACAGTGCT 5071
Db 20 CATTCCTTACACAGTGCT 1

RESULT 286

US-10-007-078-58/c
; Sequence 58, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-58

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5185 ATGTTCTCAGCTTGATACA 5204
Db 20 ATGTTCTCAGCTTGATACA 1

RESULT 287

US-10-007-078-59/c
; Sequence 59, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-59

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5245 GTCAATTCACGACGATTGCA 5264
Db 20 GTCAATTCACGACGATTGCA 1

RESULT 288

US-10-007-078-60/c
; Sequence 60, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-60

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5273 TAGGAGCAGGTGGAGCT 5292
Db 20 TAGGAGCAGGTGGAGCT 1

RESULT 289

US-10-007-078-61/c
; Sequence 61, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-61

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5332 CTTGGCTCAGCTCTCCAG 5351
1

Db 20 CTTGCTCACTCTCTCCAG 1

RESULT 290

US-10-007-078-62/c

; Sequence 62, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 62

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-62

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5348 CCACTTGCTTTTCAGCTGGG 5367

Db 20 CCACTTGCTTTTCAGCTGGG 1

RESULT 291

US-10-007-078-63/c

; Sequence 63, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 63

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-63

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6028 CCTGTCCACTCTCTGGAGCT 6047

Db 20 CCTGTCCACTCTCTGGAGCT 1

RESULT 292

US-10-007-078-64/c

; Sequence 64, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 64

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-64

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6380 CTTCCCTAAAAAGCTCTCTAA 6399

Db 20 CTTCCCTAAAAAGCTCTCTAA 1

RESULT 293

US-10-007-078-65/c

; Sequence 65, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 65

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-65

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6397 TAATGCCACCTGCTAGATA 6416

Db 20 TAATGCCACCTGCTAGATA 1

RESULT 294

US-10-007-078-66/c

; Sequence 66, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 66

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-66

Query Match 0.3%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6447 AGCAGTGCTTTTGGATACCTT 6466

Db 20 AGCAGTGCTTTTGGATACCTT 1

```
RESULT 295
US-10-007-078-67/c
; Sequence 67, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-67

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      6533 TGGCCCATAGCATATCTGTA 6552
Db      20 TGGCCCATAGCATATCTGTA 1

RESULT 296
US-10-007-078-68/c
; Sequence 68, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-68

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      6727 CTGGAATACCTTCTTCTTA 6746
Db      20 CTGGAATACCTTCTTCTTA 1

RESULT 297
US-10-007-078-69/c
; Sequence 69, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 69
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-69

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      6769 TGCAGGCGCACTTTTACTAT 6788
Db      20 TGCAGGCGCACTTTTACTAT 1

RESULT 298
US-10-007-078-70/c
; Sequence 70, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-70

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      6809 GGAAGAGGATTTTCTGTG 6828
Db      20 GGAAGAGGATTTTCTGTG 1

RESULT 299
US-10-007-078-71/c
; Sequence 71, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-71

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      6998 GGAAGAGGAGATTTTCTTC 7017
Db      20 GGAAGAGGAGATTTTCTTC 1
```

```
RESULT 300
US-10-007-078-72/c
; Sequence 72, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-72

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7009 ATTTCTCTTTACAGAGA 7028
DB 20 ATTTCTCTTTACAGAGA 1

RESULT 301
US-10-007-078-73/c
; Sequence 73, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-73

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7067 TTGTGATGACTGAGTC 7086
DB 20 TTGTGATGACTGAGTC 1

RESULT 302
US-10-007-078-74/c
; Sequence 74, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 74
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-74

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7124 TTCTGTGCACAGTCGAG 7143
DB 20 TTCTGTGCACAGTCGAG 1

RESULT 303
US-10-007-078-75/c
; Sequence 75, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-75

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7162 TTGCATTGACGCCATGTG 7181
DB 20 TTGCATTGACGCCATGTG 1

RESULT 304
US-10-007-078-76/c
; Sequence 76, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-76

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7239 CAAGTCAGCATGATGGG 7258
DB 20 CAAGTCAGCATGATGGG 1
```



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RESULT 305
US-10-007-078-77/c
; Sequence 77, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF E1F2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-77

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7394 CTTCTGAAGCAAGCAACATC 7413
Db 20 CTTCTGAAGCAAGCAACATC 1

RESULT 306
US-10-007-078-78/c
; Sequence 78, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF E1F2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-78

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7442 TGTGTTTATTAAGCAACA 7461
Db 20 TGTGTTTATTAAGCAACA 1

RESULT 307
US-10-188-404-66
; Sequence 66, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Duholm, Kim L.
; APPLICANT: Christensen, Lelf
; APPLICANT: Coull, James M.
; APPLICANT: Kieley, John
; APPLICANT: Grifflch, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: IS155042
```

```
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
; OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
US-10-188-404-66

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483
Db 1 TTTTCTTTTCTTTTCTTTT 20

RESULT 308
US-10-234-764-10
; Sequence 10, Application US/10234764
; Publication No. US20030113769A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lomborg, Harri
; APPLICANT: Salo, Harri
; TITLE OF INVENTION: Aminoxy Functionalized Oligomers
; FILE REFERENCE: IS155089
; CURRENT APPLICATION NUMBER: US/10/234,764
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 09/344,260
; PRIOR FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-234-764-10

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483
Db 1 TTTTCTTTTCTTTTCTTTT 20

RESULT 309
US-10-255-434-14
; Sequence 14, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
```

```

1  APPLICANT: Williams, Brett F.
2  TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
3  TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
4  TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
5  FILE REFERENCE: BP0101-US
6  CURRENT APPLICATION NUMBER: US/10/255,434
7  CURRENT FILING DATE: 2002-09-24
8  NUMBER OF SEQ ID NOS: 26
9  SOFTWARE: Patentin Ver. 2.1
10 SEQ ID NO 14
11 LENGTH: 20
12 TYPE: DNA
13 ORGANISM: Artificial Sequence
14 FEATURE:
15 OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
16 OTHER INFORMATION: Oligomer Sequence
17 FEATURE:
18 OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
19 OTHER INFORMATION: Sequence
20 US-10-255-434-14

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	4483
Db	1	20

1 11111111111111111111 20

RESULT 310
US-10-255-

```

Sequence 26, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-26

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0

[illegible]

20 TTTTTTTTTTTTTTTT 1

RESULT 311
US-10-278-

```

; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin

```

```

: APPLICANT: Bruce, Ian
: APPLICANT: Wolter, Andreas
: TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
: TITLE OF INVENTION: ACID ANALYTES
: FILE REFERENCE: PRO.07
: CURRENT APPLICATION NUMBER: US/10/278,047
: CURRENT FILING DATE: 2002-10-21
: PRIOR APPLICATION NUMBER: 60/336,432
: PRIOR FILING DATE: 2001-10-19
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 1
:
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial
:
: FEATURE:
: OTHER INFORMATION: Synthetic Nucleic Acid Probe
:
: NAME/KEY: misc_feature
: LOCATION: (1)..(20)
US-10-278-047-1

```

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

1 11111111111111111111 20

RESULT 312

```

US-10-371-474-63
? Sequence 63, Application US/10371474
? Publication No. US20030144242A1
? GENERAL INFORMATION:
? APPLICANT: Donna T. Ward
? APPLICANT: William Gaarde
? APPLICANT: Brett P. Wonda
? TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
? FILE REFERENCE: RUS-0169
? CURRENT APPLICATION NUMBER: US/10/371,474
? CURRENT FILING DATE: 2003-02-21
? PRIOR APPLICATION NUMBER: US/09/676,436
? PRIOR FILING DATE: 2000-09-29
? NUMBER OF SEQ ID NOS: 89
? SEQ ID NO 63
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-63

```

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGC 7434
|||||
Db 1 GCAGCAGCAGCAGCAGC 20

1 GCAGCAGCAGCAGCAGCAGC 20

RESULT 313

US-10-371-066-16
Sequence 16, Application US/10371066
Publication No. US20030162214A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND

```
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371.066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/146.504
FILING DATE: No. US20030162214A member 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-371-066-16
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 4464 TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT 20
RESULT 314
US-10-410-324-55/c
Sequence 55, Application US/10410324
Publication No. US20030180783A1
GENERAL INFORMATION:
APPLICANT: Markin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-126
CURRENT APPLICATION NUMBER: US/10/410.324
CURRENT FILING DATE: 2003-04-09
PRIOR APPLICATION NUMBER: 09/961,949
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
```

```
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-410-324-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 4464 TTTT TTTT TTTT TTTT TTTT 4483
Db 20 TTTT TTTT TTTT TTTT TTTT 1
RESULT 315
US-10-266-983-55/c
Sequence 55, Application US/10266983
Publication No. US20030207296A1
GENERAL INFORMATION:
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Markin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266.983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-266-983-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483
|||||
Db 20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 316
US-10-266-983-70/c
; Sequence 70, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-70

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483
|||||
Db 20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 317
US-10-431-341-31/c
; Sequence 31, Application US/10431341
; Publication No. US20040086897A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad
; APPLICANT: Cao, Yun-Wei
; APPLICANT: Jin, Rongchao
; TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Anal
; TITLE OF INVENTION: Detection
; FILE REFERENCE: 02-338-C
; CURRENT APPLICATION NUMBER: US/10/431,341
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/378,538

; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 60/383,630
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 10/172,428
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic target sequence
US-10-431-341-31

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483
|||||
Db 20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 318
US-10-653-416-25
; Sequence 25, Application US/10653416
; Publication No. US20040110201A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYOUB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/10/653,416
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-653-416-25

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 20

RESULT 319
US-10-716-829-55/c
; Sequence 55, Application US/10716829
; Publication No. US20040110220A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghianian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-715-A

```

RESULT 323
US-10-671-395-181
; Sequence 181, Application US/10671395
; Publication No. US20040132063A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395

```

```

: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 181
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-181

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No.	1.9e+02;	
Matches 20; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	1	TTTTTTTTTTTTTTTTTTTT	20

```

RESULT 324
US-10-671-395-182
: Sequence 182, Application US/10671395
: Publication No. US20040132063A1
: GENERAL INFORMATION:
: APPLICANT: Gliese, James K.
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
: TITLE OF INVENTION: EXPRESSION
: PRT REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 182
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-182

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.9e+02;		
Matches 20; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

```

RESULT 325
US-10-671-395-183
; Sequence 183, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIORITY FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIORITY FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 183
; LENGTH: 20

```

```

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-183

```

Query Match	0.3%	Score 20;	DB 1;	length 20;
Best Local Similarity	100.0%	Pred. No.	1.9e+02;	
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	4483
1		
20		

```

RESULT 326
US-10-671-395-184
; Sequence 184, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human FGE2 antisense
US-10-671-395-184

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.9e+02;		
Matches 20; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

[illegible]

```

RESULT 327
US-10-671-395-185
; Sequence 185, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human FGE2 antisense
US-10-671-395-185
Query Match      0.3%; Score 20; DB 1; Length 20;

```

Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 328

US-10-671-395-186
; Sequence 186, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-186

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 329

US-10-671-395-187
; Sequence 187, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-187

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 330
US-10-671-395-188
; Sequence 188, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 331
US-10-671-395-189
; Sequence 189, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-189

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 332
US-10-671-395-190
; Sequence 190, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

```
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-190

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 333
US-10-671-395-191
; Sequence 191, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 191
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-191

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 334
US-10-671-395-192
; Sequence 192, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
```

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; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 192
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-192

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 335
US-10-671-395-193
; Sequence 193, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-193

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 336
US-10-671-395-194
; Sequence 194, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
```



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US-10-671-395-199
; Sequence 199, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-199

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 342
US-10-671-395-200
; Sequence 200, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-200

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 343
US-10-671-395-201
; Sequence 201, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
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; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-201

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 344
US-10-671-395-202
; Sequence 202, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 202
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-202

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 345
US-10-671-395-203
; Sequence 203, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
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; SOFTWARE: Patentin version 3.2
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-203

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 346
US-10-671-395-204
; Sequence 204, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gleerse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-204

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 347
US-10-671-395-205
; Sequence 205, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gleerse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

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US-10-671-395-205

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 348
US-10-671-395-206
; Sequence 206, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gleerse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 206
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-206

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 349
US-10-671-395-207
; Sequence 207, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gleerse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 207
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-207

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483

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;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 276
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-276

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 355
US-10-671-395-277
;; Sequence 277, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Pharmacia Corp.
;; APPLICANT: Glaxo, James K.
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
;; FILE REFERENCE: 1179/1/US
;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 277
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-277

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 356
US-10-671-395-311
;; Sequence 311, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Pharmacia Corp.
;; APPLICANT: Glaxo, James K.
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
;; FILE REFERENCE: 1179/1/US
;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 311
```

```
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-311

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 357
US-10-671-395-338
;; Sequence 338, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Pharmacia Corp.
;; APPLICANT: Glaxo, James K.
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
;; FILE REFERENCE: 1179/1/US
;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 338
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-338

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 358
US-10-671-395-376
;; Sequence 376, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Pharmacia Corp.
;; APPLICANT: Glaxo, James K.
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
;; FILE REFERENCE: 1179/1/US
;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 376
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-376
```


US-09-912-014-2

Query Match	0.3%;	Score 20;	DB 1;	length 21;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
				Indels

Oy	4464	T T T T T T T T T T T T T T T T T T	4483
	20	T T T T T T T T T T T T T T T T T T	1
Db			

RESULT 375

```

/ Sequence 41. Application US/09997672
/ Publication No. US20030061632A1
/ GENERAL INFORMATION:
/ APPLICANT: Wecetings, Koen
/ APPLICANT: Apuya, Nestor R.
/ APPLICANT: Tatarinova, Tatiana
/ APPLICANT: Goldberg, Robert B.
/ APPLICANT: The Regents of the University of California
/ APPLICANT: Ceres, Inc.
/ TITLE OR INVENTION: Polynucleotides Useful for Modulating Transcription
/ FILE REFERENCE: 023070-115810US
/ CURRENT APPLICATION NUMBER: US/09/997,672
/ CURRENT FILING DATE: 2001-11-28
/ PRIOR APPLICATION NUMBER: US 60/553,672
/ PRIOR FILING DATE: 2000-11-28
/ NUMBER OF SEQ ID NOS: 42
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 41
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:dt-20chr
/ NAME/KEY: modified_base
/ LOCATION: (21)
/ OTHER INFORMATION: n = g, c, a or t
/ US-09-997-672-41

```

```
Query Match      0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	4464	4483
Db	1	20

RESULT 376

```

US-09-776-479-912
/ Sequence 912. Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/77013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776, 479
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 912
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence

```

US-09-776-479-912

Query Match	0.3%;	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	4464	4483
1		
20		

RESULT 377

```

US-09-776-479-912
: Sequence 912, Application US/09776479
: Publication No. US20040067902A9
: GENERAL INFORMATION:
: APPLICANT: Bratzler, Robert L.
: APPLICANT: Petersen, Deanna M.
: APPLICANT: Fourton, Yves
: TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
: TITLE OF INVENTION: Treatment of Asthma and Allergy
: FILE REFERENCE: G1037/7013 (HCL/MAT)
: CURRENT APPLICATION NUMBER: US/09/776, 479
: CURRENT FILING DATE: 2001-02-02
: PRIOR APPLICATION NUMBER: US 60/179, 991
: PRIOR FILING DATE: 2000-02-03
: NUMBER OF SEQ ID NOS: 1093
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 912
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

```

Query Match	0.3%;	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches	20;	Conservative	0;	Mismatches
			0;	Indels
				Gaps
				0;

QY	4464	4483
Db	1	20

RESULT 378

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US-10-144-179A-41
  Sequence 41, Application US/10144179A
  Publication No. US20030211483A1
  GENERAL INFORMATION:
  APPLICANT: Schroeder, Benjamin
  APPLICANT: Chen, Caiti
  APPLICANT: Schrodt, Gary
  TITLE OF INVENTION: Methods for the Enrichment of
  TITLE OF INVENTION: Low-Abundance Polynucleotides
  FILE REFERENCE: ABOS 0053
  CURRENT APPLICATION NUMBER: US/10/144,179A
  CURRENT FILING DATE: 2002-10-01
  NUMBER OF SEQ ID NOS: 64
  SOFTWARE: FastSeq for Windows Version 4.0
  SEQ ID NO 41
  LENGTH: 21
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: oligo-dT primer
US-10-144-179A-41

```

Query Match 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4483

Db 1 |||||
TTTTTTTTTTTTTTTTTT 20

RESULT 379
US-10-314-578-912
; Sequence 912, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schelter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-912

Query Match 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT
|||||
TTTTTTTTTTTTTTTTTT 4483
Db 1 TTTT
TTTTTTTTTTTTTTTTTT 20

RESULT 380
US-10-096-221-4/c
; Sequence 4, Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: Kuhn, Ulrich
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27
; PRIOR APPLICATION NUMBER: US 60/274,236
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-4

Query Match 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 4464 TTTT
TTTTTTTTTTTTTTTTTT 4483

Db 21 |||||
TTTTTTTTTTTTTTTTTT 2

RESULT 381
US-10-112-653-881
; Sequence 881, Application US/10112653
; Publication No. US20030050266A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 881
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-881

Query Match 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT
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TTTTTTTTTTTTTTTTTT 4483
Db 1 TTTT
TTTTTTTTTTTTTTTTTT 20

RESULT 382
US-10-017-995-912
; Sequence 912, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-912

Query Match 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT
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TTTTTTTTTTTTTTTTTT 4483
Db 1 TTTT
TTTTTTTTTTTTTTTTTT 20

RESULT 383
US-10-100-321-23/c
; Sequence 23, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:

```

APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 44262000500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 23
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: mlec_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
US-10-100-321-23

```

Query Match	0.3%;	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No.	2e+02;	
Matches 20;	Conservative 0;	Mismatches	0;	Gaps 0;

QY		4464	TTTTTTTTTTTTTTTTTTTTTTTTTTT	4483
Dd	21	TTTTTTTTTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTTTTTTTTT	2

RESULT 384
US-10-371-

; Sequence 2, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:

APPLICANT: Heller, Michael J. and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS

NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017

```
?  
? FILE = 5001 /  
?  
? COMPUTER READABLE FORM:  
?  
? MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
?  
? COMPUTER: IBM compatible  
?  
? OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
?  
? SOFTWARE: Wordperfect (Version 5.1)  
?
```

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/371,066
 FILING DATE: 21-Feb-2003
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/146,500

APPLICATION NUMBER: US/08/146,504
FILING DATE: No. US20030162214A member 1, 1999
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218

REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:

```
; SEQUENCE CHARACTERISTIC
; LENGTH: 21
; TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-371-066-2

```

Query Match Similarity 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      4464 TTTT TTTTTTTTTTTTTTTTTT 4483
          ||||| |
Db      20   TTTT TTTTTTTTTTTTTTTTTT 1
```

RESULT 385
US-10-170-

; Sequence 2, Application US/10170172
 ; Publication No. US20030190632A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOSNOWSKI, RONALD G
 ; APPLICANT: BUTLER, WILLIAM F
 ; INVENTOR: BUTLER, WILLIAM F

APPLICANT: NERENBERG, MICHAEL I
APPLICANT: HELLER, MICHAEL J
APPLICANT: EDMAN, CARL F
TITLE OF INVENTION: SELF-ADDRESS INTEGRATED

1	TITLE OF INVENTION: METHODS AND PROCEDURES FOR MOLECULAR BIOLOGICAL
2	
3	TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
4	FILE REFERENCE: DAVID B. MURPHY; Nanogen 227/194
5	CURRENT APPLICATION NUMBER: US/10/170,172
6	CURRENT FILING DATE: 2002-06-11

```

; PRIOR APPLICATION NUMBER: US/08/986,065
;
; PRIOR FILING DATE: 1997-12-05
;
; NUMBER OF SEQ ID NOS: 55
;
; SOFTWARE: PatentIn Ver. 2.0
;
; SEQ ID NO 2

```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: u
; location: (1..21)
```

```

1 DOCKING: 1227
2
3 OTHER INFORMATION: Description of Artificial Sequence: Synthesized
4
5 OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid
6
7 OTHER INFORMATION: base for reactivity; Poly A sequence for reduced
8
9 OTHER INFORMATION: secondary structure
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Query Match	0.3%	Score 20	DB 1	length 21
Best Local Similarity	100.0%	Pred. No. 2e+02		
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy	4464	TTTTTTTTTTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTTTTTTTTTT	1

RESULT 386
US-10-410-031-188
; Sequence 188, Application US/10410031
; Publication No. US20040010817A1

```

; GENERAL INFORMATION:
; APPLICANT: Shockley, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Browse, John A.
; TITLE OF INVENTION: Plant Acyl-CoA Synthetases

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?
? FILE REFERENCE: US-0/054
?
? CURRENT APPLICATION NUMBER: US/10/410,031
?
? CURRENT FILING DATE: 2003-04-09
?
? NUMBER OF SEQ ID NOS: 191
?
? SOFTWARE: PatentIn version 3.2
?
? SEQ ID NO: 199

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; SEQ ID NO 188


```

RESULT 395
US-10-331-780-6/c
Sequence 6, Application US/10331780
Publication NO. US20030162210A1
GENERAL INFORMATION:
APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Ruesel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS
FOR DETECTING AND IDENTIFYING AGENTS
TITLE OF INVENTION: ISOLATING, SEQUENCING, ANALYZING, AND
FILE REFERENCE: 07763-004002
CURRENT APPLICATION NUMBER: US/10/331,780
CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: US/08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-25
PRIOR APPLICATION NUMBER: US 07/833,607
PRIOR FILING DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 6
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically derived DNA
US-10-331-780-6

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Query Match      0.3% Score 20; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches    20; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

QY      4464 TTTTTTTTTTTTTTTTTTTT 4483
          |||||
DB       24 TTTTTTTTTTTTTTTTTTTT 5

```

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RESULT 396
US-10-396-551-15
; Sequence 15, Application US/10396551
; Publication NO. US20040053816A1
; GENERAL INFORMATION:
; APPLICANT: BHATTACHARYA, Samir
; APPLICANT: ROY, Sib Sankar
; APPLICANT: DASGUPTA, Subrata
; APPLICANT: MUKHERJEE, Mohua
; TITLE OF INVENTION: AN ADIPOCYTE INSULIN ADPINSL WITH INSULIN A AND B CHAINS AND AN
; TITLE OF INVENTION: EFFECTIVE METHOD OF TREATING TYPE 2 DIABETES IN A SUBJECT USING
; TITLE OF INVENTION: ADIPOCYTE INSULIN
; FILE REFERENCE: 112402
; CURRENT APPLICATION NUMBER: US/10/396,551
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 60/367,212
; PRIOR FILING DATE: 2002-03-26
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo (dT) primer
US-10-396-551-15

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Query Match%      Score 20; DB 1; length 25;
Best Local Similarity   100.0%; Pred. No. 2.6e+02;
Matches    20; Conservative    0; Mismatches    0; Indels    0; Gaps    0

QY          4463 CTTTCTTTTTTTTTTTTTTTTTTT 4482
              |||
DB           6 CTTTCTTTTTTTTTTTTTTTTTTT 25

```

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RESULT 397
US-09-987-456-102/c
; Sequence 102, Application US/09987456
; Patent No. US20020123057A1
; GENERAL INFORMATION:
; APPLICANT: University of Rochester
; APPLICANT: Zauderer, Maurice
; APPLICANT: Ernest S. Smith
; TITLE OF INVENTION: In Vitro Methods Of Producing And Selecting
; TITLE OF INVENTION: Immunoglobulin Molecules In Eukaryotic Cells
; FILE REFERENCE: 1821.0070004
; CURRENT APPLICATION NUMBER: US/09/987,456
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/271,424
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/262,067
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/298,087
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/249,268
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 102
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-987-456-102

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Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGGCATATACAGAATATAGTCTT 5465
      |||||
DB      29 TTTGGCCGATGACATATAAAGCAATTCCT 2

```

```

RESULT 398
US-09-818-991-56/c
; Sequence 56, Application US/09818991
; Publication No. US20030022157A1
; GENERAL INFORMATION:
; APPLICANT: Smith, Ernest S.
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucle
; TITLE OF INVENTION: of Interest
; FILE REFERENCE: 1821.0050004
; CURRENT APPLICATION NUMBER: US/09/818,991
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,586
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/203,343
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: 60/263,226
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/271,426
; PRIOR FILING DATE: 2001-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: 7.5Gus sense
US-09-818-991-56

```

```
Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
DB      29 TTTGGCGCATGACAAATTAAGAAATTCCTT 2

RESULT 399
US-10-061-395-91/c
; Sequence 91, Application US/10061395
; Publication No. US20020192675A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Smith, Ernest S.
; TITLE OF INVENTION: Methods of Identifying Regulator Molecules
; FILE REFERENCE: 1821.0080003
; CURRENT APPLICATION NUMBER: US/10/061,395
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 60/271,423
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/265,880
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/265,589
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 7.5 Gus Sense primer
US-10-061-395-91

Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
DB      29 TTTGGCGCATGACAAATTAAGAAATTCCTT 2

RESULT 400
US-10-052-942-134/c
; Sequence 134, Application US/10052942
; Publication No. US20030104402A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Smith, Ernest
; APPLICANT: Wei, Chungwen
; TITLE OF INVENTION: Methods of Producing or Identifying Intrabodies in Eukaryotic Cell
; FILE REFERENCE: 1821.0090004
; CURRENT APPLICATION NUMBER: US/10/052,942
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: 60/298,095
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/271,422
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/263,200
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/263,225
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 134
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer

US-10-052-942-134
Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
DB      29 TTTGGCGCATGACAAATTAAGAAATTCCTT 2

RESULT 401
US-10-277-161-56/c
; Sequence 56, Application US/10277161
; Publication No. US20030194696A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Smith, Ernest S.
; TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucle
; TITLE OF INVENTION: of Interest
; FILE REFERENCE: 1821.0050006
; CURRENT APPLICATION NUMBER: US/10/277,161
; CURRENT FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/192,586
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/203,343
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: 60/263,226
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/271,426
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/818,991
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: 7.5Gus sense
US-10-277-161-56

Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
DB      29 TTTGGCGCATGACAAATTAAGAAATTCCTT 2

RESULT 402
US-10-321-039-423
; Sequence 423, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
```


SOFTWARE: PatentIn version 3.2
SEQ ID NO 423
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-321-039-423

Query Match 0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2320 ATTGTGTGCGAAGAACGCATCAGACCC 2347
Db 1 AGTGTGTGCGAAGAACCCCTTCAACCCC 28

RESULT 403
US-09-891-517-5
Sequence 5, Application US/09891517
Patent No. US20020106653A1

GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-5

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db 3 ATATATTTTTTTTGTGTTTTTTT 30

RESULT 404
US-09-891-517-6
Sequence 6, Application US/09891517
Patent No. US20020106653A1

GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU

TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-6

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db 3 ATATATTTTTTTTGTGTTTTTTT 30

RESULT 405
US-09-891-517-7
Sequence 7, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-7

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db 3 ATATATTTTTTTTGTGTTTTTTT 30

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RESULT 406
US-09-891-517-8
; Sequence 8, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-8

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 407
US-09-891-517-9
; Sequence 9, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-9

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 408
US-09-891-517-10
; Sequence 10, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-10

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 409
US-09-891-517-11
; Sequence 11, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
```

;; CURRENT APPLICATION NUMBER: US/09/891,517
;; CURRENT FILING DATE: 2001-06-27
;; PRIOR APPLICATION NUMBER: JP2000-193133
;; PRIOR FILING DATE: 2000-06-27
;; PRIOR APPLICATION NUMBER: JP2000-236115
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: JP2000-292483
;; PRIOR FILING DATE: 2000-09-26
;; NUMBER OF SEQ ID NOS: 108
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 11
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic DNA
US-09-891-517-11

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. NO. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTCTTTTCTTTTCT 4485
DB 3 ATATATTTTCTTTTCTTTTCTTTT 30

RESULT 410
US-09-891-517-12
;; Sequence 12, Application US/09891517
;; Patent No. US2002010653A1
;; GENERAL INFORMATION:
;; APPLICANT: KURANE, RYUICHIRO
;; APPLICANT: KANAGAWA, TAKAHIRO
;; APPLICANT: KANAGAWA, YOICHI
;; APPLICANT: TORIMURA, MASAKI
;; APPLICANT: KURATA, SHINYA
;; APPLICANT: YAMADA, KAZUTAKA
;; APPLICANT: YOKOMAKU, TOYOKAZU
;; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
;; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
;; TITLE OF INVENTION: METHOD
;; FILE REFERENCE: 210352US-1994-163-0-X
;; CURRENT APPLICATION NUMBER: US/09/891,517
;; CURRENT FILING DATE: 2001-06-27
;; PRIOR APPLICATION NUMBER: JP2000-193133
;; PRIOR FILING DATE: 2000-06-27
;; PRIOR APPLICATION NUMBER: JP2000-236115
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: JP2000-292483
;; PRIOR FILING DATE: 2000-09-26
;; NUMBER OF SEQ ID NOS: 108
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 12
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic DNA
US-09-891-517-12

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. NO. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTCTTTTCTTTTCT 4485
DB 3 ATATATTTTCTTTTCTTTTCTTTT 30

RESULT 411
US-09-891-517-13
;; Sequence 13, Application US/09891517

;; Patent No. US2002010653A1
;; GENERAL INFORMATION:
;; APPLICANT: KURANE, RYUICHIRO
;; APPLICANT: KANAGAWA, TAKAHIRO
;; APPLICANT: KANAGAWA, YOICHI
;; APPLICANT: TORIMURA, MASAKI
;; APPLICANT: KURATA, SHINYA
;; APPLICANT: YAMADA, KAZUTAKA
;; APPLICANT: YOKOMAKU, TOYOKAZU
;; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
;; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
;; TITLE OF INVENTION: METHOD
;; FILE REFERENCE: 210352US-1994-163-0-X
;; CURRENT APPLICATION NUMBER: US/09/891,517
;; CURRENT FILING DATE: 2001-06-27
;; PRIOR APPLICATION NUMBER: JP2000-193133
;; PRIOR FILING DATE: 2000-06-27
;; PRIOR APPLICATION NUMBER: JP2000-236115
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: JP2000-292483
;; PRIOR FILING DATE: 2000-09-26
;; NUMBER OF SEQ ID NOS: 108
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 13
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic DNA
US-09-891-517-13

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. NO. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTCTTTTCTTTTCT 4485
DB 3 ATATATTTTCTTTTCTTTTCTTTT 30

RESULT 412
US-10-683-386-4
;; Sequence 4, Application US/10683386
;; Publication No. US20040063137A1
;; GENERAL INFORMATION:
;; APPLICANT: KURANE, RYUICHIRO
;; APPLICANT: KANAGAWA, TAKAHIRO
;; APPLICANT: KANAGAWA, YOICHI
;; APPLICANT: YAMADA, KAZUTAKA
;; APPLICANT: YOKOMAKU, TOYOKAZU
;; APPLICANT: KOYAMA, OSAMU
;; APPLICANT: FURUSHO, KENTA
;; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MC
;; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
;; TITLE OF INVENTION: THE METHOD
;; FILE REFERENCE: 0163-0758-0X
;; CURRENT APPLICATION NUMBER: US/10/683,386
;; CURRENT FILING DATE: 2000-04-20
;; PRIOR APPLICATION NUMBER: US/09/556,127
;; PRIOR FILING DATE: 2000-04-20
;; PRIOR APPLICATION NUMBER: JP 1999-111601
;; PRIOR FILING DATE: 1999-04-20
;; NUMBER OF SEQ ID NOS: 70
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 4
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: ARTIFICIAL SEQUENCE
;; FEATURE:
;; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-4

Query Match 0.3%; Score 20; DB 1; Length 30;


```

; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-8

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30

RESULT 417
US-10-683-386-9
; Sequence 9, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOTYAMA, OSAMU
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-9

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30

RESULT 418
US-10-683-386-10
; Sequence 10, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
```

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; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOTYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30

RESULT 419
US-10-683-386-11
; Sequence 11, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOTYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MC
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-11

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30
```

Db 3 ATATATTTTTTTTTCTTTTTTTTTT 30

RESULT 420
US-10-683-386-12
; Sequence 12, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/05/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-12

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTTTTTTTTTTTTTGT 4485
Db 3 ATATATTTTTTTTTCTTTTTTTTTT 30

RESULT 421
US-10-683-386-13
; Sequence 13, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/05/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-13

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTTTTTTTTTTTTTGT 4485
Db 3 ATATATTTTTTTTTCTTTTTTTTTT 30

RESULT 422
US-10-079-616-23
; Sequence 23, Application US/10079616
; Publication No. US20020107366A1
; GENERAL INFORMATION:
; APPLICANT: IMAMURA, Takayuki
; MAEDA, Hiroaki
; FUJIYASU, Takeshi
; IMAGAWA, Yoshitaka
; TOKIYOSHI, Sachio
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/079,616
; FILING DATE: 22-Feb-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/011,143
; FILING DATE: 04-FEB-1998
; APPLICATION NUMBER: PCT/JP97/01824
; FILING DATE: 29-MAY-1997
; APPLICATION NUMBER: JP 165249/1996
; FILING DATE: 04-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: IMAMURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-079-616-23

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4454 TGGCATGACCTTTTTTTTTTTTTTTT 4481
Db 3 TAGCTCGAGTTTTTTTTTTTTTTTTT 30

```
RESULT 423
US-10-209-608-4
; Sequence 4, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-4

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db      3 ATATATTTTTTTGTTTTTTTTTTT 30

RESULT 424
US-10-209-608-5
; Sequence 5, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
```

```
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-5

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db      3 ATATATTTTTTTGTTTTTTTTTTT 30

RESULT 425
US-10-209-608-6
; Sequence 6, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-6

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db      3 ATATATTTTTTTGTTTTTTTTTTT 30

RESULT 426
US-10-209-608-7
; Sequence 7, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
```

```

; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-7
```

```

Query Match          0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4458 ATGACTTTTTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTTTTGTTTTTTTTTTT 30
```

```

RESULT 427
US-10-209-608-8
; Sequence 8, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KIRANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAN
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-8
```

```

Query Match          0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4458 ATGACTTTTTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTTTTGTTTTTTTTTTT 30
```

```

RESULT 428
US-10-209-608-9
; Sequence 9, Application US/10209608
; Publication No. US20030082592A1
```

```

; GENERAL INFORMATION:
; APPLICANT: KIRANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAN
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-9
```

```

Query Match          0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4458 ATGACTTTTTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTTTTGTTTTTTTTTTT 30
```

```

RESULT 429
US-10-209-608-10
; Sequence 10, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KIRANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAN
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-10
```



```
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-20

Query Match          0.3%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7417 AGCAGCAGCAGCAGCAGCAGCAT 7439
DB      23 AGCAGCAGCAGCAGCAGCAGCTCTAT 1

RESULT 434
US-10-433-561-46
; Sequence 46, Application US/10433561
; Publication No. US20040029178A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040029178A1 G Protein-Coupled Receptor Proteins and DNA
; FILE REFERENCE: P01-0255FCT
; CURRENT APPLICATION NUMBER: US/10/433,561
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: JP 2000-364801
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: JP 2001-087482
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP 2001-145434
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: JP 2001-270838
; PRIOR FILING DATE: 2001-09-06
; NUMBER OF SEQ ID NOS: 191
; SEQ ID NO 46
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-433-561-46

Query Match          0.3%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
DB      1 CAGCGCAGCAGCAGCAGCAGCA 23

RESULT 435
US-10-477-726-46
; Sequence 46, Application US/10477726
; Publication No. US20040110231A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Screening method
; FILE REFERENCE: P02-0058FCT
; CURRENT APPLICATION NUMBER: US/10/477,726
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 2001-145411
; PRIOR FILING DATE: 2001-05-15
```

```
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 46
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-477-726-46

Query Match          0.3%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
DB      1 CAGCGCAGCAGCAGCAGCAGCA 23

RESULT 436
US-09-985-911-16
; Sequence 16, Application US/09985911
; Patent No. US2002015102A1
; GENERAL INFORMATION:
; APPLICANT: NI ET AL.
; TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III
; FILE REFERENCE: PF257D3
; CURRENT APPLICATION NUMBER: US/09/985,911
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/583,169
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 09/263,810
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: 08/821,451
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: 60/014,724
; PRIOR FILING DATE: 1996-03-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Primer Bind
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-985-911-16

Query Match          0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4460 GCACCTTTTCTTTTCTTTTCTTTT 4482
DB      5 GTACCTTTTCTTTTCTTTTCTTTT 27

RESULT 437
US-10-182-434-2/C
; Sequence 2, Application US/10182434
; Publication No. US20030190633A1
; GENERAL INFORMATION:
; APPLICANT: TANGA, Michifumi
; APPLICANT: OKAMURA, Hiroshi
; APPLICANT: TAKAGI, Kenichi
; APPLICANT: TAKAHASHI, Kojiro
; TITLE OF INVENTION: SUPPORT FOR FIXING NUCLEOTIDE AND PROCESS FOR PRODUCING THE SAME
; FILE REFERENCE: TANGAS
; CURRENT APPLICATION NUMBER: US/10/182,434
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: JP 2000-019301
; PRIOR FILING DATE: 2000-01-27
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
```

```

; SEQ ID NO 2
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-182-434-2

Query Match          0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4466 TTTTTCCTTTTTCCTTTTCTCTT 4488
Db 23 TTTTTCCTTTTTCCTTTTGAATT 1

RESULT 438
US-10-467-019-7/c
; Sequence 7, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1: Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, hbv-F1 primer
US-10-467-019-7

Query Match          0.3%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 7408 AACATCAGCAGCAGCAGCAGCAGCAG 7433
Db 26 AACAGCAGCGCAGCAGCAGCAAGTAG 1

RESULT 439
US-09-878-756-8/c
; Sequence 8, Application US/09878756
; Patent No. US20020025322A1
; GENERAL INFORMATION:
; APPLICANT: Potter, Andrew A.
; APPLICANT: Bolton, Alexandra J.
; TITLE OF INVENTION: IMMUNIZATION OF DAIRY CATTLE WITH MIG PROTEIN
; FILE REFERENCE: 9000-0056
; CURRENT APPLICATION NUMBER: US/09/878,756
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer mig-7
US-09-878-756-8

Query Match          0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Cy 7203 GGTTTCCTTAGTCTTCAACTT 7228
Db 30 GTTTTCCTTAGTCTTCACTCT 5

RESULT 440
US-10-744-635-36/c
; Sequence 36, Application US/10744635
; Publication No. US20040180331A1
; GENERAL INFORMATION:
; APPLICANT: Vervooort, Marcel B.H.J.
; APPLICANT: van den Brule, Andrianus J.C.
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF EPSTEIN
; TITLE OF INVENTION: BARR VIRUS (EBV) NUCLEIC ACID
; FILE REFERENCE: 9310.17DV
; CURRENT APPLICATION NUMBER: US/10/744,635
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US 09/623,329
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: PCT/EP99/01392
; PRIOR FILING DATE: 1999-03-01
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Epstein-Barr Virus
US-10-744-635-36

Query Match          0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 3367 TAATGTTTGTGTCCTCTCCCA 3392
Db 30 TATGTCCTTGTCTCTCTCCCA 5

RESULT 441
US-09-828-034-14/c
; Sequence 14, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-14

Query Match          0.3%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 4460 GGACTTTTTCCTTTTTCCTTTT 4480
Db 21 GGAAGTTTTCCTTTTTCCTTTT 1

RESULT 442
```



```

; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13908
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13908
```

```
Query Match      0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5542 GGTGTCATGCAGTCGAGAGT 5565
Db      2   GGCCTGTCATGCAGTCGAGAGT 25
```

```

RESULT 447
US-09-866-108-13909
; Sequence 13909, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13909
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13909
```

```
Query Match      0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5542 GGTGTCATGCAGTCGAGAGT 5565
Db      1   GGCCTGTCATGCAGTCGAGAGT 24
```

```

RESULT 448
US-10-723-361-13908
; Sequence 13908, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13908
; LENGTH: 25
; TYPE: DNA
```

```

; ORGANISM: Homo sapiens
US-10-723-361-13908
Query Match
Best Local Similarity 0.3%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5542 GGTGTCATGCAGATGAGAACT 5565
DB 2 GCGGTGATGAGCTGAGAACT 25

RESULT 449
US-10-723-361-13909
; Sequence 13909, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13909
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13909
Query Match
Best Local Similarity 0.3%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5542 GGTGTCATGCAGATGAGAACT 5565
DB 1 GCGGTGATGAGCTGAGAACT 24

RESULT 450
US-09-381-624A-8
; Sequence 8, Application US/09381624A
; Patent No. US20020068349A1
; GENERAL INFORMATION:
; APPLICANT: Horiouchi, Sueharu
; APPLICANT: Saitoh, Kohki
; ORGANISM: Homo sapiens
US-09-381-624A-8
Query Match
Best Local Similarity 0.3%; Score 19.2; DB 1; Length 27;
Matches 3; Conservative 18; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTTCTTTT 4483
DB 4 GGAUCCUUUUUUUUUUUUUUUUUU 27

RESULT 451
US-09-263-959-524/C
; Sequence 524, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaister, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 524:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-524

```

Query Match 0.3%; Score 19.2; DB 1; Length 27;
Best Local Similarity 87.5%; Pred. No. 4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4465 TTTTCTTTTCTTTTCTT 4488
Db 26 TTTTCTTTTCTTTTCTT 3

RESULT 452

US-09-984-429-633
; Sequence 633, Application US/09984429
; Publication No. US20040010132A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 53 Human Secreted Proteins
; FILE REFERENCE: P2018P2
; CURRENT APPLICATION NUMBER: US/09/984,429
; CURRENT FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/244,591
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCT/US98/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 633
; LENGTH: 44
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-984-429-633

Query Match 0.3%; Score 19.2; DB 1; Length 44;
Best Local Similarity 75.0%; Pred. No. 7.5e+02;
Matches 24; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4008 GTCTAAATGAGAAAAAGAGAAAAACAAA 4039
Db 11 GTCTCAAAAAAAAAAAAAAAAAAAAAA 42

RESULT 453

US-09-917-138-1
; Sequence 1, Application US/09917138
; Patent No. US20020031776A1
; GENERAL INFORMATION:
; APPLICANT: TULLIS, Richard
; APPLICANT: STEIFEL, Jerome
; TITLE OF INVENTION: ENZYMIC LABELLING AND DETECTION OF DNA
; FILE REFERENCE: 24730-2207B
; CURRENT APPLICATION NUMBER: US/09/917,138
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/580,358
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/136,545
; PRIOR FILING DATE: 1999-05-26
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: Biotinylation at the 5' end
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: Combined DNA/RNA
US-09-917-138-1

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTT 4482
Db 1 TTTTCTTTTCTTTTCTT 19

RESULT 454

US-09-901-484A-515
; Sequence 515, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bouguetoret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-901-484A-515

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTT 4482
Db 1 TTTTCTTTTCTTTTCTT 19

RESULT 455

US-09-853-526-515
; Sequence 515, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

```

; APPLICANT: Blumenfeld, Marca
; APPLICANT: Ilya, Chumakov
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPLCP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.m182
US-09-853-526-515
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482
          |||||
          1 TTTTTTTTTTTTTTTTTT 19
```

```

RESULT 456
US-09-970-971A-15
; Sequence 15, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-15
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482
          |||||
```

```
Db      1 TTTTTTTTTTTTTTTTTT 19
```

```

RESULT 457
US-09-970-971A-16
; Sequence 16, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482
          |||||
          1 TTTTTTTTTTTTTTTTTT 19
```

```

RESULT 458
US-09-970-971A-26
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```


OY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 459
US-10-208-357-25/c
; Sequence 25, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-25

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
DB 19 TTTT TTTT TTTT TTTT TTTT 1

RESULT 460
US-10-123-597-1
; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 461
US-10-123-597-2
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 462
US-10-123-597-3
; Sequence 3, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


```

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 471
US-10-123-597-25
; Sequence 25, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-10-123-597-25

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 472
US-10-100-321-24/c
; Sequence 24, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurlich
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 482692000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
```

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-100-321-24

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      19 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 473
US-10-232-881-1
; Sequence 1, Application US/10232881
; Publication No. US2003008088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3180
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: NO. US2003008088A1e1 Sequence
US-10-232-881-1

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 474
US-10-247-893-3
; Sequence 3, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
```

```

; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-3
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 475
US-10-247-893-7
; Sequence 7, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-7
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 476
US-10-247-893-13
; Sequence 13, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
```

```

; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-13
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 477
US-10-098-816-15
; Sequence 15, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: Isis3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
```



```
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
US-10-098-816-18
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 19; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

RESULT 481

```
US-10-098-816-26
; Sequence 26, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkataraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Confirmation Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098, 816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

RESULT 482

```
US-10-322-242-1
; Sequence 1, Application US/10322242
; Publication No. US20030139586A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
```

```
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compoun
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```
RESULT 483
US-10-371-600-14/c
; Sequence 14, Application US/10371600
; Publication No. US2003016076A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-14
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
Db      19 TTTT TTTT TTTT TTTT TTTT 1
```

RESULT 484

```
US-10-170-172-16
; Sequence 16, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNOMSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: NERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
```

```

1 TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
2 TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS
3 TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
4 TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
5 FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
6 CURRENT APPLICATION NUMBER: US/10/170,172
7 CURRENT FILING DATE: 2002-06-11
8 PRIOR APPLICATION NUMBER: US/08/986,065
9 PRIOR FILING DATE: 1997-12-05
10 NUMBER OF SEQ ID NOS: 55
11 SOFTWARE: PatentIn Ver. 2.0
12 SEQ ID NO 16
13 LENGTH: 19
14 TYPE: DNA
15 ORGANISM: Artificial Sequence
16 FEATURE:
17 OTHER INFORMATION: Description of Artificial Sequence: Amino
18 OTHER INFORMATION: conjugate to provide reactivity with dyes
19 US-10-170-172-16

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.6e+02;		
Matches	19;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

Qy	4464		44
Dy	1		19

```

RESULT 485
US-10-205-309-325/c
; Sequence 325, Application US/10205309
; Publication No. US20030190635a1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 325
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1
US-10-205-309-325

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.6e+02;		
Matches	19;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

QY	4466	TTTTTTTTTTTTTTTTTTTGG	4484
Dd	19	TTTTTTTTTTTTTTTTTTG	1

```

RESULT 486
US-10-205-309-650
; Sequence 650, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSw199en, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674

```

```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 650
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
IS-10-205-309-650

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	5.3%;	Pred. No. 2.6e+02;		
Matches	1;	Conservative	18;	Mismatches 0;
				Indels 0;
				Gaps 0

```
QY      4466 TTTTTTTTTTTTTTGC 4484
          :::::::::::::::|
Db      1 UUUUUUUUUUUUUUUUUUG 19
```

```

RESULT 487
US-10-331-109-33
; Sequence 33, Application US/10331109
; Publication No. US20030215891A1
; GENERAL INFORMATION:
; APPLICANT: Bickel, et al.
; TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of molec
; TITLE OF INVENTION: Interactions on probe arrays
; FILE REFERENCE: 12671/1
; CURRENT APPLICATION NUMBER: US/10/331,109
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: PCT/EP01/07575
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: DE 100 33 334.6
; PRIOR FILING DATE: 2000-07-01
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
FEATURES:
; OTHER INFORMATION: Description of the artificial sequence:
; OTHER INFORMATION: Oligonucleotide probe
US-10-331-109-33

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.6e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

[illegible]

```

RESULT 488
US-10-359-328-5
; Sequence 5, Application US/10359328
; Publication No. US20040099328A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
; FILE REFERENCE: 1S1S-5140
; CURRENT APPLICATION NUMBER: US/10/359,328
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: US 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA

```



```

? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Synthetic construct
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (16)..(19)
? OTHER INFORMATION: 2'-modified T
US-10-359-328-5

```

```

Query Match      0.3%;   Score 19;   DB 1;   Length 19;
Best Local Similarity 100.0%;   Pred. No. 2 6e+02;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

```

Qy	4464	4482
Db	1	19

```

RESULT 489
US-10-359-328-26
Sequence 26, Application US/10359328
Publication No. US2004009938A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: 155-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.2
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-(2-(2-N,N-dimethylaminoethyl)oxyethyl)-
OTHER INFORMATION: sub-T1)
US-10-359-328-26
5-methyl uridine

```

Query Match	0.3%	Score 19	DB 1	Length 19
Best Local Similarity	100.0%	Pred. No.	2.6e+02	
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0

[illegible]

RESULT 490
US-10-387-346B-154
Sequence 154, Application US/10387346B
Publication No. US20040117869A1
GENERAL INFORMATION:
APPLICANT: Xu, Dongmei
TITLE OF INVENTION: Cloning of Cytochrome
P450 CYP2C19
FILE REFERENCE: 78623
CURRENT APPLICATION NUMBER: US/10/387,346B
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: 10/293,252
PRIOR FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: 10/340,861
PRIOR FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: 60/363,664

```

? PRIOR FILING DATE: 2002-03-12
? PRIOR APPLICATION NUMBER: 60/347,444
? PRIOR FILING DATE: 2002-01-11
? PRIOR APPLICATION NUMBER: 60/337,684
? PRIOR FILING DATE: 2001-11-13
? NUMBER OF SEQ ID NOS: 156
? SOFTWARE: FASTSEQ for Windows Version 3.0
? SEQ ID NO: 154
? LENGTH: 19
? TYPE: DNA
? ORGANISM: Nicotiana
US-10-387-346B-154

```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0

```

Qy 4464 4482
Db 1 19

```

1      RESULT 491
2      US-09-005-243-32
3      ; Sequence 32, Application US/99005243
4      ; Patent No. US20020018763A1
5      ; GENERAL INFORMATION:
6      ; APPLICANT: Zeebo, Kristina M.
7      ; APPLICANT: Bosseiman, Robert A.
8      ; APPLICANT: Sugers, Sidney V.
9      ; APPLICANT: Martin, Francis H.
10     ; TITLE OF INVENTION: Stem Cell Factor
11     ; NUMBER OF SEQUENCES: 104
12     ; CORRESPONDENCE ADDRESSES:
13     ; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
14     ; STREET: 6300 Sears Tower, 233 South Wacker Drive
15     ; CITY: Chicago
16     ; STATE: Illinois
17     ; COUNTRY: United States of America
18     ; ZIP: 60606-6402
19     ; COMPUTER READABLE FORM:
20     ; MEDIUM TYPE: Floppy disk
21     ; COMPUTER: IBM PC compatible
22     ; OPERATING SYSTEM: PC-DOS/MS-DOS
23     ; SOFTWARE: PatentIn Release #1.0, Version #1.30
24     ; CURRENT APPLICATION DATA:
25     ; APPLICATION NUMBER: US/09/005,243
26     ; FILING DATE:
27     ; CLASSIFICATION:
28     ; PRIOR APPLICATION DATA:
29     ; APPLICATION NUMBER: 08/449,653
30     ; FILING DATE: 24-MAY-1995
31     ; CLASSIFICATION:
32     ; PRIOR APPLICATION DATA:
33     ; APPLICATION NUMBER: 07/982,255
34     ; FILING DATE: 25-NOV-1992
35     ; PRIOR APPLICATION DATA:
36     ; APPLICATION NUMBER: 07/589,701
37     ; FILING DATE: 01-OCT-1990
38     ; PRIOR APPLICATION DATA:
39     ; APPLICATION NUMBER: 07/573,616
40     ; FILING DATE: 24-AUG-1990
41     ; PRIOR APPLICATION DATA:
42     ; APPLICATION NUMBER: 07/537,198
43     ; FILING DATE: 11-JUN-1990
44     ; PRIOR APPLICATION DATA:
45     ; APPLICATION NUMBER: 07/422,383
46     ; FILING DATE: 16-OCT-1989
47     ; ATTORNEY/AGENT INFORMATION:
48     ; NAME: Crough, David W.
49     ; REGISTRATION NUMBER: 36,107
50     ; REFERENCE/DOCKET NUMBER: 01017/34465
51     ; TELECOMMUNICATION INFORMATION:
52     ;

```

TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-005-243-32

Query Match 0.3%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4466 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT G 19

RESULT 492
US-09-224-683-32
Sequence 32, Application US/09224683
Patent No. US20020031491A1
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,683
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005,893
FILING DATE: 12-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,653
FILING DATE: 24-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.

REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35136
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-224-683-32

Query Match 0.3%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4466 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT G 19

RESULT 493
US-09-916-369A-3/c
Sequence 3, Application US/09916369A
Publication No. US20020058602A1
GENERAL INFORMATION:
APPLICANT: Dellinger, Douglas J
APPLICANT: Perdest, Michael GM
APPLICANT: Caruthers, Marvin H
APPLICANT: Betley, Jason R
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
FILE REFERENCE: 10003869-1
CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: US 09/627,249
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patent in version 3.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: synthetic sequence
US-09-916-369A-3

Query Match 0.3%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT T 4482
|||||
Db 20 TTTT TTTT TTTT TTTT TTTT TTTT T 2

RESULT 494
US-10-671-395-654
Sequence 654, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVUL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25

OTHER INFORMATION: synthetic
US-10-182-434-1

Query Match 0.3%; Score 19; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4466 TTTT TTTT TTTT TTTT TTTT G 4484
|||||
Db 6 TTTT TTTT TTTT TTTT TTTT G 24

RESULT 498
US-10-297-277-4

Sequence 4, Application US/10297277
Publication No. US20030215828A1
GENERAL INFORMATION:
APPLICANT: Mitsubishi, Masato
APPLICANT: Kambara, Hideki
APPLICANT: Matsunaga, Hiroko
APPLICANT: Kawamura, Masafumi
TITLE OF INVENTION: GENE MARKERS FOR LUNG CANCER
FILE REFERENCE: HITACHI.046VPC
CURRENT APPLICATION NUMBER: US/10/297,277
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: 60/215,727
PRIOR FILING DATE: 2000-06-21
PRIOR APPLICATION NUMBER: 60/243,976
PRIOR FILING DATE: 2000-10-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: anchor primer P4.
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(25)
OTHER INFORMATION: n = A,T,C or G
US-10-297-277-4

Query Match 0.3%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT TTTT TTTT 4481
|||||
Db 5 CTTT TTTT TTTT TTTT TTTT TTTT 23

RESULT 499
US-10-336-638-464/C

Sequence 464, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Pan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 464
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: GGREX1 125
US-10-336-638-464

Query Match 0.3%; Score 19; DB 1; Length 29;
Best Local Similarity 90.5%; Pred. No. 4.8e+02;
Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433
|||||
Db 21 CAGCAGCAGCAGCAGCAGCAGCAG 1

RESULT 500

US-09-927-777A-72
Sequence 72, Application US/09927777A
Patent No. US20020172953A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-653-A
CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: ECT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/224,631
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 72
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
OTHER INFORMATION: synthetic sequence

US-09-927-777A-72

Query Match 0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3278 AAGAGAAAAATGAAACCAAGCCAGATCATATT 3312
DB 1 AAAAAAAAAAAAAAAAAAATCCTTATCATATT 35

RESULT 501

US-10-397-579-2
Sequence 2, Application US/10397579
Publication No. US20040038255A1
GENERAL INFORMATION:
APPLICANT: Mirklin, Chad A.
APPLICANT: Cao, Yun Wei
TITLE OF INVENTION: No. US20040038255A1-alloying Core Shell Nanoparticles
FILE REFERENCE: 01-661-B
CURRENT APPLICATION NUMBER: US/10/397,579
PRIOR FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: US 10/034,451
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: US 60/293,861
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Description of artificial sequence: Nanoparticle probe
US-10-397-579-2

Query Match 0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3278 AAGAGAAAAATGAAACCAAGCCAGATCATATT 3312
DB 1 AAAAAAAAAAAAAAAAAAATCCTTATCATATT 35

RESULT 502

US-10-008-978-72
Sequence 72, Application US/10008978
Publication No. US20030087242A1
GENERAL INFORMATION:
APPLICANT: Mirklin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
PRIOR FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/224,631
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/254,418
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 72
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-008-978-72

Query Match 0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3278 AAGAGAAAAATGAAACCAAGCCAGATCATATT 3312
DB 1 AAAAAAAAAAAAAAAAAAATCCTTATCATATT 35

RESULT 503

US-10-153-483-2
Sequence 2, Application US/10153483
Publication No. US20030129608A1
GENERAL INFORMATION:
APPLICANT: Mirklin, Chad A.
APPLICANT: Cao, Yun Wei
APPLICANT: Jin, Rongchao
TITLE OF INVENTION: NON-ALLOYING CORE SHELL NANOPARTICLES
FILE REFERENCE: 01-661-C
CURRENT APPLICATION NUMBER: US/10/153,483
PRIOR FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: PCT/US01/50825
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 10/034,451
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 60/293,861
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Microsoft Word 1998
SEQ ID NO 2
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-153-483-2

Query Match          0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      3278 AAGAGAAAAATGAAACCAAGCCAGATCAATATT 3312
        ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db       1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 504
US-10-266-983-72
; Sequence 72, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 72
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-72

Query Match          0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      3278 AAGAGAAAAATGAAACCAAGCCAGATCAATATT 3312
        ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db       1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 505
US-10-266-983-77
; Sequence 77, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 77
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-77

Query Match          0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      3278 AAGAGAAAAATGAAACCAAGCCAGATCAATATT 3312
        ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db       1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 506
US-09-888-615-120/C
; Sequence 120, Application US/09888615
; Patent No. US20020064856A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/09/888,615
; CURRENT FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-888-615-120
```

Query Match 0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7413 CACGACGACGACGACGACGAC 7434
DB 22 CTCGACGACGACGACGACGAC 1

RESULT 507

US-10-028-415-27/C
; Sequence 27, Application US/10028415
; Publication No. US20020151063A1
; GENERAL INFORMATION:
; APPLICANT: Lasham, Annette
; APPLICANT: Watson, James D.
; TITLE OF INVENTION: Methods for Modulating Apoptotic Cell
; TITLE OF INVENTION: Death
; FILE REFERENCE: 11000.1004c3
; CURRENT APPLICATION NUMBER: US/10/028.415
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: PCT/NZ01/00286
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 09/724,809
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/036,004
; PRIOR FILING DATE: 1998-03-04
; PRIOR APPLICATION NUMBER: US 08/713,557
; PRIOR FILING DATE: 1996-08-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-028-415-27

Query Match 0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7410 CATGACGACGACGACGACGAC 7431
DB 22 CACGACGACGACGACGACGAC 1

RESULT 508

US-09-885-441-42
; Sequence 42, Application US/09885441
; Patent No. US20020146407A1
; GENERAL INFORMATION:
; APPLICANT: Xiao, Yonghong
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine
; TITLE OF INVENTION: Protease-1-Like Enzyme
; FILE REFERENCE: 04974.00512
; CURRENT APPLICATION NUMBER: US/09/885,441
; CURRENT FILING DATE: 2001-06-21
; PRIOR FILING DATE: 2000-06-21
; PRIOR APPLICATION NUMBER: US 60/212,844
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 60/244,171
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: US 60/279,766
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-885-441-42

Query Match 0.3%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCAGCAGCA 7435
DB 1 AGCAGCAGCAGCAGCAGCAGCA 22

RESULT 509

US-10-424-836-42
; Sequence 42, Application US/10424836
; Publication No. US20030224430A1
; GENERAL INFORMATION:
; APPLICANT: Xiao, Yonghong
; APPLICANT: Lopez, Ricardo A.
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine
; TITLE OF INVENTION: Protease-1-Like Enzyme
; FILE REFERENCE: 04974.00512
; CURRENT APPLICATION NUMBER: US/10/424,836
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: US/09/885,441
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/212,844
; PRIOR FILING DATE: 2000-06-21
; PRIOR APPLICATION NUMBER: US 60/244,171
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 60/279,766
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: PCT/
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-836-42

Query Match 0.3%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCAGCAGCA 7435
DB 1 AGCAGCAGCAGCAGCAGCAGCA 22

RESULT 510

US-10-309-775A-20
; Sequence 20, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: PCR primer
; OTHER INFORMATION: PCR primer
US-10-309-775A-20

Query Match 0.3%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTTTTTT 4483
DB 2 ATTGTTTTTTTTTTTTTTTTT 23

RESULT 511
US-10-309-775A-28
; Sequence 28, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-28

Query Match 0.3%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTTGT 4485
DB 3 TTTTTCATTTTGT 24

RESULT 512
US-10-198-447A-22/c
; Sequence 22, Application US/10198447A
; Publication No. US2004018622A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Puttaraaju, Madalah
; APPLICANT: Dallinger, Guenter
; APPLICANT: Klausseger, Alfred
; APPLICANT: Bauer, Johann
; TITLE OF INVENTION: SPLICESOME-MEDIATED RNA TRANS-SPLICING
; TITLE OF INVENTION: FOR CORRECTION OF SKIN DISORDERS
; FILE REFERENCE: A35306 069906.0115
; CURRENT APPLICATION NUMBER: US/10/198,447A
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-198-447A-22

Query Match 0.3%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7436
DB 24 GCAGCAGCAGCAGCAGCTC 3

RESULT 513
US-10-096-075-12/c

; Sequence 12, Application US/10096075
; Publication No. US20030225247A1
; GENERAL INFORMATION:
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: RABABANI, ELAZAR
; TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
; TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
; TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
; FILE REFERENCE: ENZ-61
; CURRENT APPLICATION NUMBER: US/10/096,075
; CURRENT FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 26
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-096-075-12

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTTTT 4481
DB 22 GGGGTTTTTTTTTTTTTTTTT 1

RESULT 514
US-10-764-418-12/c
; Sequence 12, Application US/10764418
; Publication No. US20040176586A1
; GENERAL INFORMATION:
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: RABABANI, ELAZAR
; TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
; TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
; TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
; FILE REFERENCE: ENZ-61
; CURRENT APPLICATION NUMBER: US/10/764,418
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/096,075
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 26
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-764-418-12

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTTTT 4481
DB 22 GGGGTTTTTTTTTTTTTTTTT 1

RESULT 515
US-10-418-182-138/c
; Sequence 138, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182

;; CURRENT FILING DATE: 2003-04-16
;; PRIOR APPLICATION NUMBER: 60/373,558
;; PRIOR FILING DATE: 2002-04-17
;; NUMBER OF SEQ ID NOS: 423
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 138
;; LENGTH: 27
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: oligonucleotide
US-10-418-182-138

Query Match 0.3%; Score 18.8; DB 1; Length 27;
Best Local Similarity 90.9%; Pred. No. 4.6e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAGC 7434
DB 25 CGGAGCAGCAGCAGCAGCAGC 4

RESULT 516
US-09-263-959-420
; Sequence 420, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 420:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-420

Query Match

Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGTGTGTGTGTGTGTGTGT 4485
DB 7 TTTTGTGTGTGTGTGTGTGTGTGT 28

RESULT 517

US-10-309-775A-74
; Sequence 74, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-74

Query Match 0.3%; Score 18.8; DB 1; Length 28;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4462 ACTTTTGTGTGTGTGTGTGTGT 4483
DB 6 ATTGTGTGTGTGTGTGTGTGTGT 27

RESULT 518
US-10-398-483-16/C
; Sequence 16, Application US/10398483
; Publication No. US20040166499A1
; GENERAL INFORMATION:
; APPLICANT: Havesahizaki, Yoshhide
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion a
; FILE REFERENCE: 2870-0247P
; CURRENT APPLICATION NUMBER: US/10/398,483
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library
US-10-398-483-16

Query Match 0.2%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 4.5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4457 CATGACTTTTGTGTGTGTGTGTGT 4481
DB 25 CAGAGCTCTTTTGTGTGTGTGTGT 1

RESULT 519
US-09-563-728A-5
; Sequence 5, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287

```
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
; US-09-563-728A-5
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 84.0%; Pred. No. 4.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCTCATGCGAGNU 25
```

```
RESULT 520
; US-09-563-728A-14
; Sequence 14, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: 1-4 and 23-26 are modified
; OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose
; OTHER INFORMATION: substituted nucleotides; positions 5-22 are
; OTHER INFORMATION: deoxyribonucleotides
; US-09-563-728A-14
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 76.0%; Pred. No. 4.7e+02;
Matches 19; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCTCATGCGAGNU 25
```

```
RESULT 521
; US-10-145-493B-55
; Sequence 55, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-01SDV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
```

```
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 55
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-10-145-493B-55
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 84.0%; Pred. No. 4.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCTCATGCGAGNU 25
```

```
RESULT 522
; US-10-145-493B-89
; Sequence 89, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-01SDV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 89
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-10-145-493B-89
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 76.0%; Pred. No. 4.7e+02;
Matches 19; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCTCATGCGAGNU 25
```

```
RESULT 523
; US-09-735-363A-3
; Sequence 3, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3
```

LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-3

Query Match 0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3622 GCGGTGGGGGTGGAGAGAGGTAG 3646
DB 2 GCGGTGGGGGTGGGGGGGTGG 26

RESULT 524
US-09-735-363A-68
Sequence 68, Application US/09735363A
Patent No. US20010041681A1
GENERAL INFORMATION:
APPLICANT: Phillion, Mario
TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
FILE REFERENCE: 02811-0181
CURRENT APPLICATION NUMBER: US/09/735,363A
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/170,325
PRIOR FILING DATE: 1999-12-13
PRIOR APPLICATION NUMBER: 60/228,925
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 87
SOFTWARE: PatentIn version 3.0
SEQ ID NO 68
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-68

Query Match 0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3622 GCGGTGGGGGTGGAGAGAGGTAG 3646
DB 2 GCGGTGGGGGTGGGGGGGTGG 26

RESULT 525
US-10-085-906-78
Sequence 78, Application US/10085906
Patent No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Yang, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: CONSTITUTORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 78
LENGTH: 27

TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-78

Query Match 0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTATTTTATTTTATTTTATTTT 4488
DB 2 TTTTATTTTATTTTATTTTATTTT 26

RESULT 526
US-09-005-243-33
Sequence 33, Application US/09005243
Patent No. US20020018763A1
GENERAL INFORMATION:
APPLICANT: Zeebo, Krietzina M.
APPLICANT: Bosseiman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,243
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,653
FILING DATE: 24-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/34465
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear


```
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-09-563-728A-6

Query Match
Best Local Similarity 95.0%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
Db 20 CGCAGCAGCAGCAGCAGCA 1

RESULT 532
US-09-563-728A-15/c
; Sequence 15, Application US/09563728A
; Publication No. US2003078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: 1-4 and 17-20 are modified
; OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
; OTHER INFORMATION: substituted nucleotides; positions 5-16 are
; OTHER INFORMATION: deoxyribonucleotides
US-09-563-728A-15

Query Match
Best Local Similarity 0.2%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
Db 20 CGCAGCAGCAGCAGCAGCA 1

RESULT 533
US-10-145-493B-51/c
; Sequence 51, Application US/10145493B
; Publication No. US2003009677A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-51

Query Match
Best Local Similarity 0.2%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
Db 20 CGCAGCAGCAGCAGCAGCA 1

RESULT 534
US-10-154-890-4/c
; Sequence 4, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Nielsen, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISI50540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1 Sequence
US-10-154-890-4

Query Match
Best Local Similarity 0.2%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTT 4482
Db 20 CTTTTTTTTTTTCTTTT 1

RESULT 535
US-10-032-585-4667/c
; Sequence 4667, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jlang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4667
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4667

Query Match
Best Local Similarity 0.2%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7407 CAACATCAGCAGCAGCAGCA 7426
```



```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/175,608
FILING DATE: 16-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-10-175-608-33

Query Match      0.2%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
      |||||
DB 1 TTTT TTTT TTTT TTTT TTTT TTTT G 20

RESULT 541
US-10-175-608-34
Sequence 34, Application US/10175608
Publication No. US20040181044A1
GENERAL INFORMATION:
APPLICANT: Zsebo, Kristina M.
           Boselman, Robert A.
           Suggs, Sidney V.
           Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/175,608
FILING DATE: 16-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-175-608-34

Query Match      0.2%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
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DB 1 TTTT TTTT TTTT TTTT TTTT TTTT G 20

RESULT 542
US-10-418-182-106
Sequence 106, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 106
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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Db 23 CTCCTCTTCCACCGCCTTGG 1

RESULT 555

US-09-978-295A-213

; Sequence 213, Application US/09978295A

; Patent No. US20020156006A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGCAAC 2573
DB 2 CTGACCTTCCAGCTGAGCCAC 24

RESULT 556
US-09-978-697-213
; Sequence 213, Application US/09978697
; Patent No. US20020169284A1

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; PRIOR FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
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;/ PRIOR FILING DATE: 1998-05-15
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;/ PRIOR FILING DATE: 1998-05-15
;/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACCTACGAGTGGCCACAC 2573
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Db 2 CTGACCTCAGCTGAGCCACAC 24

RESULT 557
US-09-978-192A-213
; Sequence 213, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kluavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C9
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      2551 CTGACGACGACGCTGTCGACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24
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RESULT 558
US-09-999-832A-213
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; Sequence 213, Application US/09999832A
; Publication No. US20020192706A1
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; GENERAL INFORMATION:
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; APPLICANT: Ashkenazi, Avi
```

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; APPLICANT: Baker Kevin P.
```

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; APPLICANT: Botstein, David
```

```

; APPLICANT: Desnoyers, Luc
```

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; APPLICANT: Baton, Dan
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; APPLICANT: Ferrara, Napoleon
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; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Fong, Sherman
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; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gerber, Hanspeter
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; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Goddard, Audrey
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; APPLICANT: Godowski, Paul J.
```

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; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James/
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC3
; CURRENT APPLICATION NUMBER: US/09/999,832A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
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; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.24; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.04; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCACTGTGTCACAC 2573
|||||
Db 2 CTGACCTTCACGTCGACACAC 24

RESULT 559
US-09-978-189-213
Sequence 213, Application US/09978189
Publication No. US20030004102A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoysers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gutney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David U.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William T.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ACIDS
TITLE OF INVENTION: Acids Encoding the Same
FILM REFERENCE: P2630PIC7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/064249
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PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
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PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
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PRIOR APPLICATION NUMBER: 60/084366
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PRIOR APPLICATION NUMBER: 60/084414
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PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
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PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
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PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGCCACAC 2573
Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 560

US-09-978-608A-213
Sequence 213, Application US/09978608A
Publication No. US20030045462A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC2
CURRENT APPLICATION NUMBER: US/09/978,608A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-608A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGCCACAC 2573
Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 561
US-09-978-585A-213
Sequence 213, Application US/09978585A
Publication No. US20030049633A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC15
CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-585A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;

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Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2551 CTGACGTCACGCTGTCCAC 2573
Db 2 CTGACCTTCAGCTGAGCCAC 24

RESULT 562
US-09-978-191A-213
; Sequence 213, Application US/09978191A
; Publication No. US2003050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Klujavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C4
; CURRENT APPLICATION NUMBER: US/09/978,191A
; CURRENT FILING DATE: 2001-10-15
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Query Match 0.2%; Score 18.2; DB 1; Length 24;
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Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCACTGTGCCACAC 2573
DB 2 CTGACCTTCAGCTAGGCACAC 24

RESULT 563
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Sequence 213, Application US/09978403A
Publication No. US2003050240A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Denoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Auctin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
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Query Match 0.2%; Score 18.2; DB 1; Length 24;
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QY 2551 CTGACGTACCACTGTCGACAC 2573
DB 2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 564
US-09-978-564A-213
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; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Balon, Dan
APPLICANT: Ferrara, Napoleon
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C25
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Query Match      0.24; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGTCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 565
US-09-999-833A-213
; Sequence 213, Application US/09999833A
; Publication No. US20030054405A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thmas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC65
; CURRENT APPLICATION NUMBER: US/09/999,833A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACGAGCTGTGCACAC 2573
Db 2 CTGACCTTCAGCTGACGACAC 24

RESULT 566
US-09-981-915A-213
Sequence 213, Application US/09981915A
Publication No. US20030054986A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Geo, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottlieb, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J

APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C12
CURRENT APPLICATION NUMBER: US/09/981,915A
CURRENT FILING DATE: 2001-10-16
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1;
 Best local similarity 87.0%; Pred. No. 4.9e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGACAC 2573
 DB 2 CTGACCTTCCAGCTGACAC 24

RESULT 567
 US-09-978-824-213
 Sequence 213, Application US/09978824
 Publication No. US20030055216a1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desmoyers, Luc
 APPLICANT: Batton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Geo, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerltzen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.
 APPLICANT: Thomas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C14
 CURRENT APPLICATION NUMBER: US/09/978,824
 CURRENT FILING DATE: 2001-10-17
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR FILING DATE: 1998-05-13
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;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
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;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGTCACAC 2573
Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 568
US-09-918-585A-213
; Sequence 213, Application US/09918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C1

1	CURRENT APPLICATION NUMBER: US/09/918,585A	1	PRIOR FILING DATE: 1998-04-09
2	PRIOR FILING DATE: 2001-07-30	2	PRIOR APPLICATION NUMBER: 60/081229
3	PRIOR APPLICATION NUMBER: 60/062250	3	PRIOR FILING DATE: 1998-04-09
4	PRIOR FILING DATE: 1997-10-17	4	PRIOR APPLICATION NUMBER: 60/081955
5	PRIOR APPLICATION NUMBER: 60/064249	5	PRIOR FILING DATE: 1998-04-15
6	PRIOR FILING DATE: 1997-11-03	6	PRIOR APPLICATION NUMBER: 60/081817
7	PRIOR APPLICATION NUMBER: 60/065311	7	PRIOR FILING DATE: 1998-04-15
8	PRIOR FILING DATE: 1997-11-13	8	PRIOR APPLICATION NUMBER: 60/081819
9	PRIOR APPLICATION NUMBER: 60/066364	9	PRIOR FILING DATE: 1998-04-15
10	PRIOR FILING DATE: 1997-11-21	10	PRIOR APPLICATION NUMBER: 60/081952
11	PRIOR APPLICATION NUMBER: 60/077450	11	PRIOR FILING DATE: 1998-04-15
12	PRIOR FILING DATE: 1998-03-10	12	PRIOR APPLICATION NUMBER: 60/081838
13	PRIOR APPLICATION NUMBER: 60/077632	13	PRIOR FILING DATE: 1998-04-15
14	PRIOR FILING DATE: 1998-03-11	14	PRIOR APPLICATION NUMBER: 60/082568
15	PRIOR APPLICATION NUMBER: 60/077641	15	PRIOR FILING DATE: 1998-04-21
16	PRIOR FILING DATE: 1998-03-11	16	PRIOR APPLICATION NUMBER: 60/082569
17	PRIOR APPLICATION NUMBER: 60/077649	17	PRIOR FILING DATE: 1998-04-21
18	PRIOR FILING DATE: 1998-03-11	18	PRIOR APPLICATION NUMBER: 60/082704
19	PRIOR APPLICATION NUMBER: 60/077791	19	PRIOR FILING DATE: 1998-04-22
20	PRIOR FILING DATE: 1998-03-12	20	PRIOR APPLICATION NUMBER: 60/082804
21	PRIOR APPLICATION NUMBER: 60/078004	21	PRIOR FILING DATE: 1998-04-22
22	PRIOR FILING DATE: 1998-03-13	22	PRIOR APPLICATION NUMBER: 60/082700
23	PRIOR APPLICATION NUMBER: 60/078886	23	PRIOR FILING DATE: 1998-04-22
24	PRIOR FILING DATE: 1998-03-20	24	PRIOR APPLICATION NUMBER: 60/082797
25	PRIOR APPLICATION NUMBER: 60/078936	25	PRIOR FILING DATE: 1998-04-22
26	PRIOR FILING DATE: 1998-03-20	26	PRIOR APPLICATION NUMBER: 60/082796
27	PRIOR APPLICATION NUMBER: 60/078910	27	PRIOR FILING DATE: 1998-04-23
28	PRIOR FILING DATE: 1998-03-20	28	PRIOR APPLICATION NUMBER: 60/083336
29	PRIOR APPLICATION NUMBER: 60/078939	29	PRIOR FILING DATE: 1998-04-27
30	PRIOR FILING DATE: 1998-03-20	30	PRIOR APPLICATION NUMBER: 60/083322
31	PRIOR APPLICATION NUMBER: 60/079234	31	PRIOR FILING DATE: 1998-04-28
32	PRIOR FILING DATE: 1998-03-25	32	PRIOR APPLICATION NUMBER: 60/083392
33	PRIOR APPLICATION NUMBER: 60/079656	33	PRIOR FILING DATE: 1998-04-29
34	PRIOR FILING DATE: 1998-03-26	34	PRIOR APPLICATION NUMBER: 60/083495
35	PRIOR APPLICATION NUMBER: 60/079664	35	PRIOR FILING DATE: 1998-04-29
36	PRIOR FILING DATE: 1998-03-27	36	PRIOR APPLICATION NUMBER: 60/083496
37	PRIOR APPLICATION NUMBER: 60/079689	37	PRIOR FILING DATE: 1998-04-29
38	PRIOR FILING DATE: 1998-03-27	38	PRIOR APPLICATION NUMBER: 60/083499
39	PRIOR APPLICATION NUMBER: 60/079663	39	PRIOR FILING DATE: 1998-04-29
40	PRIOR FILING DATE: 1998-03-27	40	PRIOR APPLICATION NUMBER: 60/083554
41	PRIOR APPLICATION NUMBER: 60/079728	41	PRIOR FILING DATE: 1998-04-29
42	PRIOR FILING DATE: 1998-03-27	42	PRIOR APPLICATION NUMBER: 60/083558
43	PRIOR APPLICATION NUMBER: 60/079786	43	PRIOR FILING DATE: 1998-04-29
44	PRIOR FILING DATE: 1998-03-27	44	PRIOR APPLICATION NUMBER: 60/083559
45	PRIOR APPLICATION NUMBER: 60/079920	45	PRIOR FILING DATE: 1998-04-29
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47	PRIOR APPLICATION NUMBER: 60/079923	47	PRIOR FILING DATE: 1998-04-29
48	PRIOR FILING DATE: 1998-03-30	48	PRIOR APPLICATION NUMBER: 60/083742
49	PRIOR APPLICATION NUMBER: 60/080105	49	PRIOR FILING DATE: 1998-04-30
50	PRIOR FILING DATE: 1998-03-31	50	PRIOR APPLICATION NUMBER: 60/084366
51	PRIOR APPLICATION NUMBER: 60/080107	51	PRIOR FILING DATE: 1998-05-05
52	PRIOR FILING DATE: 1998-03-31	52	PRIOR APPLICATION NUMBER: 60/084414
53	PRIOR APPLICATION NUMBER: 60/080165	53	PRIOR FILING DATE: 1998-05-06
54	PRIOR FILING DATE: 1998-03-31	54	PRIOR APPLICATION NUMBER: 60/084411
55	PRIOR APPLICATION NUMBER: 60/080194	55	PRIOR FILING DATE: 1998-05-06
56	PRIOR FILING DATE: 1998-03-31	56	PRIOR APPLICATION NUMBER: 60/084637
57	PRIOR APPLICATION NUMBER: 60/080327	57	PRIOR FILING DATE: 1998-05-07
58	PRIOR FILING DATE: 1998-04-01	58	PRIOR APPLICATION NUMBER: 60/084639
59	PRIOR APPLICATION NUMBER: 60/080328	59	PRIOR FILING DATE: 1998-05-07
60	PRIOR FILING DATE: 1998-04-01	60	PRIOR APPLICATION NUMBER: 60/084640
61	PRIOR APPLICATION NUMBER: 60/080333	61	PRIOR FILING DATE: 1998-05-07
62	PRIOR FILING DATE: 1998-04-01	62	PRIOR APPLICATION NUMBER: 60/084598
63	PRIOR APPLICATION NUMBER: 60/080334	63	PRIOR FILING DATE: 1998-05-07
64	PRIOR FILING DATE: 1998-04-01	64	PRIOR APPLICATION NUMBER: 60/084600
65	PRIOR APPLICATION NUMBER: 60/081070	65	PRIOR FILING DATE: 1998-05-07
66	PRIOR FILING DATE: 1998-04-08	66	PRIOR APPLICATION NUMBER: 60/084627
67	PRIOR APPLICATION NUMBER: 60/081049	67	PRIOR FILING DATE: 1998-05-07
68	PRIOR FILING DATE: 1998-04-08	68	PRIOR APPLICATION NUMBER: 60/084633
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;; PRIOR APPLICATION NUMBER: 60/085697
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/086023

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGCCAC 2573
Db 2 CTGACCTTCACGCTGACCCAC 24

RESULT 569

US-09-978-423A-213
; Sequence 213, Application US/09978423A

; Publication No. US20030069178A1

; GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Baton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary B.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavini, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C21
; CURRENT APPLICATION NUMBER: US/09/978, 423A
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249

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;; PRIOR FILING DATE: 1998-04-15

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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.24; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCGACCTGTGCGACAC 2573
Db 2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 570
US-09-978-193A-213
Sequence 213, Application US/09978193A
Publication No. US20030073624A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Balon, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gutney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P16
CURRENT APPLICATION NUMBER: US/09/978, 193A
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10


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PRIORITY APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

OY      2551 CTGACGTACGACGCTGTGCACAC 2573
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DB      2   CTGACCTTCCAGCTGACGCAC 24

RESULT 571
US-09-999-830A-213
Sequence 213, Application US/09999830A
Publication No. US20030077700A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Geo, Wei-Qiang
APPLICANT: Geiber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunes, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C70
CURRENT APPLICATION NUMBER: US/09/999, 830A
CURRENT FILING DATE: 2001-08-31
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PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065111
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PRIOR APPLICATION NUMBER: 60/07649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07791

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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGCACAC 2573
Db 2 CTGACCTTCACGCTGACACAC 24

RESULT 572
US-09-978-757A-213
; Sequence 213, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurley, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC26
; CURRENT APPLICATION NUMBER: US/09/978,757A
;; CURRENT FILING DATE: 2002-03-19
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
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;; PRIOR FILING DATE: 1998-03-20

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PRIOR FILING DATE: 1998-03-25
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACGACGTGTGCACAC 2573
n ||||| | ||||| |||||

Db 2 CTGACCTTCAGCTGAGCACAC 24

RESULT 573

US-09-776-479-60
; Sequence 60, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-60

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4466 TTTTGTGCTTGTGCTT 4488
Db 1 TTGTTTGTGTTTGTGTTT 23

RESULT 574

US-09-776-479-60
; Sequence 60, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-60

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4466 TTTTGTGCTTGTGCTT 4488
Db 1 TTGTTTGTGTTTGTGTTT 23

RESULT 575
US-09-978-187B-213

; Sequence 213, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
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; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PLC5
; CURRENT APPLICATION NUMBER: US/09/978,187B
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085582
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085700
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085689
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
 Beat Local Similarity 87.0%; Pred. No. 4.9e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACGACGTGTGCCACAC 2573
 DB 2 CTGACCTTCCAGCTGACGCACAC 24

RESULT 576
 US-09-978-643A-213
 Sequence 213, Application US/09978643A
 Publication No. US20030104998A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc

```
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC16
; CURRENT APPLICATION NUMBER: US/09/978,643A
; PRIORITY FILING DATE: 2001-10-16
; PRIOR APPLICATION removed - See File Wrapper or Palm
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-643A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC24
; CURRENT APPLICATION NUMBER: US/09/978,375A
; PRIORITY FILING DATE: 2002-04-19
; PRIOR APPLICATION removed - See File Wrapper or Palm
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred.No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY      2551 CTGACGTACCACTGTGCCACAC 2573
          ||||| | ||||| |||||
Db       2   CTGACTTCAGCTGAGCCACAC 24

RESULT 579
US-09-978-188A-213
; Sequence 213, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC8
CURRENT APPLICATION NUMBER: US/09/978,188A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632

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1	PRIOR FILING DATE: 1998-03-11
2	PRIOR APPLICATION NUMBER: 60/077641
3	PRIOR FILING DATE: 1998-03-11
4	PRIOR APPLICATION NUMBER: 60/077649
5	PRIOR FILING DATE: 1998-03-11
6	PRIOR APPLICATION NUMBER: 60/077791
7	PRIOR FILING DATE: 1998-03-12
8	PRIOR APPLICATION NUMBER: 60/078004
9	PRIOR FILING DATE: 1998-03-13
10	PRIOR APPLICATION NUMBER: 60/078866
11	PRIOR FILING DATE: 1998-03-20
12	PRIOR APPLICATION NUMBER: 60/078936
13	PRIOR FILING DATE: 1998-03-20
14	PRIOR APPLICATION NUMBER: 60/078910
15	PRIOR FILING DATE: 1998-03-20
16	PRIOR APPLICATION NUMBER: 60/078939
17	PRIOR FILING DATE: 1998-03-20
18	PRIOR APPLICATION NUMBER: 60/079234
19	PRIOR FILING DATE: 1998-03-25
20	PRIOR APPLICATION NUMBER: 60/079656
21	PRIOR FILING DATE: 1998-03-26
22	PRIOR APPLICATION NUMBER: 60/079654
23	PRIOR FILING DATE: 1998-03-27
24	PRIOR APPLICATION NUMBER: 60/079669
25	PRIOR FILING DATE: 1998-03-27
26	PRIOR APPLICATION NUMBER: 60/079663
27	PRIOR FILING DATE: 1998-03-27
28	PRIOR APPLICATION NUMBER: 60/079728
29	PRIOR FILING DATE: 1998-03-27
30	PRIOR APPLICATION NUMBER: 60/079923
31	PRIOR FILING DATE: 1998-03-30
32	PRIOR APPLICATION NUMBER: 60/080105
33	PRIOR FILING DATE: 1998-03-31
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37	PRIOR FILING DATE: 1998-03-31
38	PRIOR APPLICATION NUMBER: 60/080328
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40	PRIOR APPLICATION NUMBER: 60/080194
41	PRIOR FILING DATE: 1998-03-31
42	PRIOR APPLICATION NUMBER: 60/080327
43	PRIOR FILING DATE: 1998-04-01
44	PRIOR APPLICATION NUMBER: 60/080334
45	PRIOR FILING DATE: 1998-04-01
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47	PRIOR FILING DATE: 1998-04-08
48	PRIOR APPLICATION NUMBER: 60/081049
49	PRIOR FILING DATE: 1998-04-08
50	PRIOR APPLICATION NUMBER: 60/081229
51	PRIOR FILING DATE: 1998-04-09
52	PRIOR APPLICATION NUMBER: 60/081199
53	PRIOR FILING DATE: 1998-04-15
54	PRIOR APPLICATION NUMBER: 60/081955
55	PRIOR FILING DATE: 1998-04-15
56	PRIOR APPLICATION NUMBER: 60/081817
57	PRIOR FILING DATE: 1998-04-15
58	PRIOR APPLICATION NUMBER: 60/081819
59	PRIOR FILING DATE: 1998-04-15
60	PRIOR APPLICATION NUMBER: 60/081955
61	PRIOR FILING DATE: 1998-04-15
62	PRIOR APPLICATION NUMBER: 60/081839
63	PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.2% Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 2 CTGACCTTCAGCTGACGACAC 24
2551 ||||| ||||| ||||| ||||| |||||
CTGACCTTCAGCTGACGACAC 2573
RESULT 580
US-09-978-681A-213
Publication 213, Application US/09978681A
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Batou, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottard, Audrey E.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C18
CURRENT APPLICATION NUMBER: US/09/978,681A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12

Query Match 0.28; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.08; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2551 CTTGACGTACGAGCTGTGCACAC 2573
CTGACCTTCACGCTGAGCCACAC 24

RESULT 581

US-09-978-194A-213
Sequence 213, Application US/09978194A
Publication No. US20030195333a1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottlieb, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C10
CURRENT FILING DATE: 2001-10-15
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23

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; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
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; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
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; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
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; PRIOR APPLICATION NUMBER: 60/084366
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; PRIOR APPLICATION NUMBER: 60/084414
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; PRIOR APPLICATION NUMBER: 60/084441
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; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
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Db      2 CTGACCTTCACAGCTGAGCCACAC 24

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RESULT 582
US-09-999-829A-213
; Sequence 213, Application US/0999829A
; Publication No. US20030195344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Raoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630Plc61
; CURRENT APPLICATION NUMBER: US/09/999,829A
; CURRENT FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-829A-213

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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db      2 CTGACCTTCACAGCTGAGCCACAC 24

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RESULT 583
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; Sequence 213, Application US/09978299A
; Publication No. US20030199435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

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APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C3
CURRENT APPLICATION NUMBER: US/09/978,299A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCCAGCTGACCCACAC 24

RESULT 584
US-09-978-544A-213
; Sequence 213, Application US/09978544A
; Publication No. US20030199436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsens, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
```

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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C13
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1998-04-01
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Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2551 CTGACGTACACAGCTGTGCCACAC 2573
DB 2 CTGACCTTCACGCTGACGCACAC 24

RESULT 585
US-09-978-665A-213
Sequence 213, Application US/09978665A
Publication No. US20030199437A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C19
CURRENT APPLICATION NUMBER: US/09/978,665A
PRIOR FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
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PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query March 0.2% Score 18.2; DB 1; Length 24;
Best local Similarity 87.0%; Pred. 4.9e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACGAGCTGTGCCACAC 2573

Db 2 CTGACCTTCGACCTGACGACAC 24

RESULT 586

US-09-978-802A-213

Sequence 213, Application US/09978802A

Publication No. US20030199674A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Iyar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas P.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2650P1C20

CURRENT APPLICATION NUMBER: US/09/978,802A

CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1997-11-21
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGACACAC 2573
DB 2 CTGACCTTCACGCTGACACAC 24

RESULT 587
US-10-164-749A-213
; Sequence 213, Application US/10164749A
; Publication No. US20040029218A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferreira, Napoleon
; APPLICANT: Filvarolt, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Aubert L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC60
; CURRENT FILING DATE: US/10/164,749A
; PRIOR APPLICATION NUMBER: 2001-10-19
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03

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; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2551 CTGACGTACCGAGCTGTGCCACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24

RESULT 588
US-09-999-831A-213
; Sequence 213, Application US/09999831A
; Publication No. US2004004832A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C82
; CURRENT APPLICATION NUMBER: US/09/999,831A
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 213
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; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2551 CTGACGTACCGAGCTGTGCCACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24

RESULT 589
US-10-013-917A-213
; Sequence 213, Application US/10013917A
; Publication No. US2004006921A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C82
; CURRENT APPLICATION NUMBER: US/10/013,917A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-917A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2551 CTGACGTACCGAGCTGTGCCACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24

RESULT 590
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US-09-999-834A-213
; Sequence 213, Application US/09999834A
; Publication No. US2003006407A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gueney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavyn, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C75
; CURRENT APPLICATION NUMBER: US/09/999, 834A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-11
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-11
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-11
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
DB      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 591
US-10-162-521A-213
; Sequence 213, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
```

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; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC55
; CURRENT APPLICATION NUMBER: US/10/162,521A
; CURRENT FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-162-521A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
DB      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 592
US-10-145-016A-213
; Sequence 213, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:
```

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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-016A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGACAC 2573
Db      2 CTGACCTTCACGTGACACAC 24
```

```

; Sequence 213, Application US/10145088A
; Publication No. US20030203434A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC49
; CURRENT APPLICATION NUMBER: US/10/145,088A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-088A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGACAC 2573
Db      2 CTGACCTTCACGTGACACAC 24
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RESULT 593
US-10-145-088A-213
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RESULT 594
US-10-145-092A-213
Sequence 213, Application US/10145092A
Publication No. US20030203435A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flivaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C45
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-092A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTTCCAGCTGTGCACAC 2573

Db 2. CTGACGTTCCAGCTGTGCACAC 24
RESULT 595
US-10-145-129A-213
Sequence 213, Application US/10145129A
Publication No. US20030203436A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flivaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C51
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-129A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2551 CTGACGTACGAGCTGTGGCCAC 2573
DB 2 CTGACCTTCAGCTGAGCCAC 24

RESULT 596
US-10-165-038A-213

; Sequence 213, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; FILE REFERENCE: P2630P1C29
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-038A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACGAGCTGTGGCCAC 2573
DB 2 CTGACCTTCAGCTGAGCCAC 24

RESULT 597
US-10-165-353A-213

; Sequence 213, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; FILE REFERENCE: P2630P1C40
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence


```

; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-353A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCGAGCTGTGCACAC 2573
Db      2      CTGACCTTCCAGCTGAGCCACAC 24

RESULT 598
US-10-167-600-213
; Sequence 213, Application US//10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; PRIOR FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/07450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/07632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/07641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/07649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/07791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
```

```

; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-600-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCGAGCTGTGCACAC 2573
Db      2      CTGACCTTCCAGCTGAGCCACAC 24

RESULT 599
US-10-170-481A-213
; Sequence 213, Application US//10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C33
; CURRENT APPLICATION NUMBER: US/10/170,481A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/07450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/07632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/07641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/07649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/07791
; PRIOR FILING DATE: 1998-03-12
```

```
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-170-481A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
DB      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 600
US-10-172-039A-213
/ Sequence 213, Application US/10172039A
/ Publication No. US20030203445A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C30
/ CURRENT APPLICATION NUMBER: US/10/172,039A
/ PRIOR FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
```

```
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
DB      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 601
US-10-210-028-213
/ Sequence 213, Application US/10210028
/ Publication No. US20030203446A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C52
/ CURRENT APPLICATION NUMBER: US/10/210,028
/ PRIOR FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
```

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; PRIOR APPLICATION NUMBER: 60/0776641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-213
```

```

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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Qy      2551 CTGACGTACCACTGTGCGCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24
```

```

RESULT 602
US-10-314-578-60
; Sequence 60, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-60
```

```

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      4466 TTTTGTGTGTGTGTGTGTGTCT 4488
Db      1 TTGTTTGTGTGTGTGTGTGT 23
```

```

RESULT 603
US-10-017-081A-213
; Sequence 213, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
```

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-213
```

```

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      2551 CTGACGTACCACTGTGCGCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24
```

```

RESULT 604
US-10-112-653-54
; Sequence 54, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-54
```

```

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

OY 4466 TTTTGTGTTTGTGCTT 4488
Db 1 TTGTTTGTGTTTGTGTTT 23

RESULT 605
US-10-017-995-60
; Sequence 60: Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-60

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4466 TTTTGTGTTTGTGCTT 4488
Db 1 TTGTTTGTGTTTGTGTTT 23

RESULT 606
US-10-167-749-213
; Sequence 213: Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCAAGCTGTCCACAC 2573
Db 2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 607
US-10-013-921A-213
; Sequence 213: Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC4
CURRENT APPLICATION NUMBER: US/10/013.921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
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PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08

PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
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PRIOR APPLICATION NUMBER: 60/084643

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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24
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RESULT 608

US-10-013-929A-213

/ Sequence 213, Application US/10013929A

/ Publication No. US2003072745A1

/ GENERAL INFORMATION:

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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C89
; CURRENT APPLICATION NUMBER: US/10/013.929A
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
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; PRIOR APPLICATION NUMBER: 60/06364
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; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
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; PRIOR FILING DATE: 1998-03-30
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; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
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PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR FILING DATE: 1998-04-29
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PRIOR APPLICATION NUMBER: 60/083496
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PRIOR APPLICATION NUMBER: 60/083742
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PRIOR APPLICATION NUMBER: 60/084366
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PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2551 CTGACGTACCACTGTCCACAC 2573
DB 2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 609
US-10-016-177A-213

Sequence 213, Application US/10016177A
Publication No. US20030073131A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C90
CURRENT APPLICATION NUMBER: US/10/016.177A
CURRENT FILING DATE: 2002-04-30
Prior application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24

TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 4,9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGCACAC 2573
Db 2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 610
US-10-166-709A-213
; Sequence 213, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivay J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Nadler, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC59
; CURRENT APPLICATION NUMBER: US/10/166,709A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336

1	PRIOR FILING DATE: 1998-04-27
2	PRIOR APPLICATION NUMBER: 60/083322
3	PRIOR FILING DATE: 1998-04-28
4	PRIOR APPLICATION NUMBER: 60/083392
5	PRIOR FILING DATE: 1998-04-29
6	PRIOR APPLICATION NUMBER: 60/083495
7	PRIOR FILING DATE: 1998-04-29
8	PRIOR APPLICATION NUMBER: 60/083496
9	PRIOR FILING DATE: 1998-04-29
10	PRIOR APPLICATION NUMBER: 60/083499
11	PRIOR FILING DATE: 1998-04-29
12	PRIOR APPLICATION NUMBER: 60/083545
13	PRIOR FILING DATE: 1998-04-29
14	PRIOR APPLICATION NUMBER: 60/083554
15	PRIOR FILING DATE: 1998-04-29
16	PRIOR APPLICATION NUMBER: 60/083558
17	PRIOR FILING DATE: 1998-04-29
18	PRIOR APPLICATION NUMBER: 60/083559
19	PRIOR FILING DATE: 1998-04-29
20	PRIOR APPLICATION NUMBER: 60/083500
21	PRIOR FILING DATE: 1998-04-29
22	PRIOR APPLICATION NUMBER: 60/083742
23	PRIOR FILING DATE: 1998-04-30
24	PRIOR APPLICATION NUMBER: 60/083366
25	PRIOR FILING DATE: 1998-05-05
26	PRIOR APPLICATION NUMBER: 60/084414
27	PRIOR FILING DATE: 1998-05-06
28	PRIOR APPLICATION NUMBER: 60/084441
29	PRIOR FILING DATE: 1998-05-06
30	PRIOR APPLICATION NUMBER: 60/084637
31	PRIOR FILING DATE: 1998-05-07
32	PRIOR APPLICATION NUMBER: 60/084639
33	PRIOR FILING DATE: 1998-05-07
34	PRIOR APPLICATION NUMBER: 60/084640
35	PRIOR FILING DATE: 1998-05-07
36	PRIOR APPLICATION NUMBER: 60/084627
37	PRIOR FILING DATE: 1998-05-07
38	PRIOR APPLICATION NUMBER: 60/084643
39	PRIOR FILING DATE: 1998-05-07
40	PRIOR APPLICATION NUMBER: 60/085339
41	PRIOR FILING DATE: 1998-05-13
42	PRIOR APPLICATION NUMBER: 60/085338
43	PRIOR FILING DATE: 1998-05-13
44	PRIOR APPLICATION NUMBER: 60/085323
45	PRIOR FILING DATE: 1998-05-13
46	PRIOR APPLICATION NUMBER: 60/085582
47	PRIOR FILING DATE: 1998-05-15
48	PRIOR APPLICATION NUMBER: 60/085700
49	PRIOR FILING DATE: 1998-05-15
50	PRIOR APPLICATION NUMBER: 60/085689
51	PRIOR FILING DATE: 1998-05-15
52	PRIOR APPLICATION NUMBER: 60/085579
53	PRIOR FILING DATE: 1998-05-15
54	PRIOR APPLICATION NUMBER: 60/085580
55	PRIOR FILING DATE: 1998-05-15
56	PRIOR APPLICATION NUMBER: 60/085573
57	PRIOR FILING DATE: 1998-05-15
58	PRIOR APPLICATION NUMBER: 60/085704
59	PRIOR FILING DATE: 1998-05-15
60	PRIOR APPLICATION NUMBER: 60/085697

Query Match	0.2%	Score 18.2	DB 1	length 24
Best Similarity	87.0%	Pred. No. 4.9e+02		
Best Local				
Matches	20	Conservative	0	Mismatches 3
				Indels 0
				Gaps 0
QY	2551	CTGACGTACCAAGCTGTGCCAC	2573	
db	2	CTGACCTTCAGCTGAGCCAC	24	

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/ RESULT 61114
/ US-10-143-031A-213
/ Sequence 213, Application US/10143031A
/ Publication No. US20030138439A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deenoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavan, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paonli, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C39
/ CURRENT APPLICATION NUMBER: US/10/143,031A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-143-031A-213

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Query Match	0.2%	Score 18.2;	DB 1;	Length 24;
Best Local Similarity	87.0%	Pred. No. 4.9e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Db 2 CTGACCTTCACGTGACCCAC 24

RESULT 612

US-10-143-030A-213

; Sequence 213, Application US/10143030A

; Publication No. US20030147901A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gottard, Audrey E.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin J.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C3

; CURRENT APPLICATION NUMBER: US/10/143,030A

; CURRENT FILING DATE: 2002-08-27

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 213

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-143-030A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2551 CTGACCTTACGCTGTCACAC 2573
Db 2 CTGACCTTCACGTGACCCAC 24

RESULT 613

US-10-002-967A-213

; Sequence 213, Application US/10002967A

; Publication No. US20030148373A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gottard, Audrey E.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin J.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C72

; CURRENT APPLICATION NUMBER: US/10/002,967A

; CURRENT FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078939

PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
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 PRIOR FILING DATE: 1998-03-26
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 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082796
 PRIOR FILING DATE: 1998-04-23
 PRIOR APPLICATION NUMBER: 60/083336
 PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083392
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083495
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 PRIOR APPLICATION NUMBER: 60/084414
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 PRIOR APPLICATION NUMBER: 60/084640
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 PRIOR APPLICATION NUMBER: 60/084643
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 PRIOR FILING DATE: 1998-05-15
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 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;
 Best Local Similarity 87.0%; Pred. No. 4.9e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2551 CTGACGACACAGCTGTGACAC 2573
 DB 2 CTGACCTTCAGCTGACGACAC 24

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RESULT 614
US-10-017-083A-213
; Sequence 213, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C67
; CURRENT APPLICATION NUMBER: US/10/017,083A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-083A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 615
US-10-145-128A-213
; Sequence 213, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
```

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; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-128A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 616
US-10-017-191A-213
; Sequence 213, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
```

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlicsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C62
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US/10/017,191A
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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PRIOR APPLICATION NUMBER: 60/07450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/07632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07641
PRIOR FILING DATE: 1998-03-11
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PRIOR APPLICATION NUMBER: 60/07791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/083742

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; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
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; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
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; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACAGCTGAGCCACAC 24

RESULT 617
US-10-143-028A-213
; Sequence 213, Application US/10143028A
; Publication No. US20030180310A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC37
; CURRENT APPLICATION NUMBER: US/10/143,028A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/063111
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-143-028A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACAGCTGAGCCACAC 24

RESULT 618
US-10-143-029A-213
; Sequence 213, Application US/10143029A
; Publication No. US20030180311A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumes, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C54
CURRENT APPLICATION NUMBER: US/10/143,029A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/074450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/07632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/07886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414

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; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
OY      2551 CTGACGTACAGCTGTGCGCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
```

RESULT 619

```
; Sequence 213, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
```

```
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C31
; CURRENT FILING DATE: 2002-09-04
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-089A-213
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Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
OY      2551 CTGACGTACAGCTGTGCGCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
```

RESULT 620

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; Sequence 213, Application US/10165067A
; Publication No. US20030185841A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
```



```

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC42
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-067A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACGACGTGTGCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 621
US-10-145-017A-213
; Sequence 213. Application US/10145017A
; Publication No. US20030186365A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
```

```

; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC32
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-017A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACGACGTGTGCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 622
US-10-164-728A-213
; Sequence 213. Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
```

```
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC43
/ CURRENT APPLICATION NUMBER: US/10/164,728A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
OY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACAGCTGAGCCACAC 24
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RESULT 623
US-10-013-926A-213
/ Sequence 213, Application US/10013926A
/ Publication No. US20030187241A1
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/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
```

```
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC80
/ CURRENT APPLICATION NUMBER: US/10/013,926A
/ PRIOR FILING DATE: 2002-09-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACAGCTGAGCCACAC 24
```

```
RESULT 624
US-10-165-247A-213
/ Sequence 213, Application US/10165247A
/ Publication No. US20030190321A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
```

```

; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsens, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C41
; CURRENT APPLICATION NUMBER: US/10/165,247A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2551 CTGACGTACAGCTGTGCCACAC 2573
DB      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 625
US-10-145-124A-213
; Sequence 213, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
```

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; APPLICANT: Botstein, David
; APPLICANT: Deenyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsens, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C41
; CURRENT APPLICATION NUMBER: US/10/145,124A
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-124A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2551 CTGACGTACAGCTGTGCCACAC 2573
DB      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 626
US-10-160-502A-213
; Sequence 213, Application US/10160502A
; Publication No. US20030190703A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-160-502A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
US-10-145-087A-213
; Sequence 213, Application US/10145087A
; Publication No. US20030194410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC47
; CURRENT APPLICATION NUMBER: US/10/145,087A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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RESULT 628
US-10-017-086A-213
; Sequence 213, Application US/10017086A
; Publication No. US20030194744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC64
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-086A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 629
US-10-164-829A-213
; Sequence 213, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

```
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC28
; CURRENT FILING DATE: 2001-10-19
; CURRENT FILING DATE: 2001-07-30
; Prior Application Number: 09/918585
; Prior Application Number: 60/062250
; Prior Application Number: 60/064249
; Prior Application Number: 1997-10-17
; Prior Application Number: 1997-11-03
; Prior Application Number: 60/065311
; Prior Application Number: 1997-11-13
; Prior Application Number: 60/066364
; Prior Application Number: 1997-11-21
; Prior Application Number: 60/077450
; Prior Application Number: 1998-03-10
; Prior Application Number: 60/077632
; Prior Application Number: 1998-03-11
; Prior Application Number: 60/077641
; Prior Application Number: 1998-03-11
; Prior Application Number: 60/077649
; Prior Application Number: 1998-03-11
; Prior Application Number: 60/077791
; Prior Application Number: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or Palm.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-829A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 630
US-10-164-929A-213
; Sequence 213, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James I.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC36
; CURRENT APPLICATION NUMBER: US/10/164,929A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-164-929A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACCTTCCAGCTGAGCCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 631
US-10-013-922A-213
; Sequence 213, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

```

; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James I.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC81
; CURRENT APPLICATION NUMBER: US/10/013,922A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
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PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACGAGTGTGCCACAC 2573
Db 2 CTGACCTTCACGCTGACGCACAC 24

RESULT 632
US-10-020-445A-213
Sequence 213, Application US/10020445A
Publication No. US20030198994A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deansoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Geo, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC74
CURRENT APPLICATION NUMBER: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078866
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366


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; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

```

```

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Cy      2551 CTGACGTACCACTGTCGCACAC 2573
          ||||| ||||| ||||| |||||
Db      2 CTGACCTTCACGCTGACGCACAC 24

```

```

RESULT 633
US-10-013-924A-213
; Sequence 213, Application US/10013924A
; Publication No. US20030199021A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.

```

```

; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William T.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C76
; CURRENT APPLICATION NUMBER: US/10/013,924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

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```

US-10-013-924A-213

```

```

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Cy      2551 CTGACGTACCACTGTCGCACAC 2573
          ||||| ||||| ||||| |||||
Db      2 CTGACCTTCACGCTGACGCACAC 24

```

```

RESULT 634
US-10-017-084A-213
; Sequence 213, Application US/10017084A
; Publication No. US20030203402A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.

```

```
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC66
/ CURRENT APPLICATION NUMBER: US/10/017,084A
/ CURRENT FILING DATE: 2002-04-30
/ Prior application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-084A-213
```

```
Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
```

```
RESULT 635
US-10-017-085A-213
/ Sequence 213, Application US/10017085A
/ Publication No. US20030204055A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Pan, James;
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC73
/ CURRENT APPLICATION NUMBER: US/10/017,085A
/ CURRENT FILING DATE: 2002-04-30
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```
/ Prior Application removed - File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-085A-213
```

```
Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
```

```
RESULT 636
US-10-013-916A-213
/ Sequence 213, Application US/10013916A
/ Publication No. US20030206915A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Pan, James;
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC79
/ CURRENT APPLICATION NUMBER: US/10/013,916A
/ CURRENT FILING DATE: 2002-04-30
/ Prior application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-916A-213
```

```
Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
```

```
RESULT 637
US-10-143-026B-213
; Sequence 213, Application US/10143026B
; Publication No. US20030207803A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C58
; CURRENT APPLICATION NUMBER: US/10/143, 026B
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-11
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-213
Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 2551 CTGACGACACGCTGTCACAC 2573
DB 2 CTGACCTTCACGCTGACACAC 24

RESULT 638
US-10-013-918A-213
; Sequence 213, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C77
; CURRENT APPLICATION NUMBER: US/10/013, 918A
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
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;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079664
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079689
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;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR FILING DATE: 1998-03-31
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;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
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;; PRIOR APPLICATION NUMBER: 60/080334
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;; PRIOR APPLICATION NUMBER: 60/081195
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;; PRIOR FILING DATE: 1998-04-28

;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR FILING DATE: 1998-04-30
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;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
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;; PRIOR FILING DATE: 1998-05-06
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;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
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;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCACTGTGCACAC 2573
|||||
Db 2 CTGACCTTCAGGTGACCAAC 24

RESULT 639
US-10-013-928A-213

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/ Sequence 213, Application US/10013928A
/ Publication No. US20030215905A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deenoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C86
/ CURRENT APPLICATION NUMBER: US/10/013,928A
/ PRIOR FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-013-928A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2551 CTGACGTACGACGTGTGCGACAC 2573
DB 2 CTGACCTTCAGCTGAGCCACAC 24
```

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RESULT 640
US-10-162-522A-213
/ Sequence 213, Application US/10162522A
/ Publication No. US20030215908A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deenoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C56
/ CURRENT APPLICATION NUMBER: US/10/162,522A
/ PRIOR FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-162-522A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY - 2551 CTGACGTACGACGTGTGCGACAC 2573
```

```
Db          2  CTGACCTTCAGCTGAGCCAC 24
|||||
RESULT 641
US-10-013-923A-213
; Sequence 213, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James/
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC87
; CURRENT APPLICATION NUMBER: US/10/013,923A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-213
Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551  CTGACGTACCAAGCTGTCACAC 2573
Db      2  CTGACCTTCAGCTGAGCCAC 24
|||||
```

```
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James/
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC83
; CURRENT APPLICATION NUMBER: US/10/013,925A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-213
Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551  CTGACGTACCAAGCTGTCACAC 2573
Db      2  CTGACCTTCAGCTGAGCCAC 24
|||||
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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C88
; CURRENT APPLICATION NUMBER: US/10/013,927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-927A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551  CTGACGTACCACTGTGCGCACAC 2573
           ||||| ||||| ||||| |||||
Db      2      CTGACCTTCACGCTGACGCACAC 24

RESULT 644
US-10-145-093A-213
; Sequence 213, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-093A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551  CTGACGTACCACTGTGCGCACAC 2573
           ||||| ||||| ||||| |||||
Db      2      CTGACCTTCACGCTGACGCACAC 24

RESULT 645
US-10-013-919A-213
; Sequence 213, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C85
; CURRENT APPLICATION NUMBER: US/10/013,919A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-919A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGAGCTACGAGCTGTGCGCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 646
US-10-309-775A-26
; Sequence 26, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,386,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-26

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4466 TTTTGTGTGTGTGTGTGTGT 4488
Db      1 TTTTGTGTGTGTGTGTGTGT 23

RESULT 647
US-10-309-775A-73
; Sequence 73, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
```

```
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-73

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4466 TTTTGTGTGTGTGTGTGTGT 4488
Db      1 TTTTGTGTGTGTGTGTGTGT 23

RESULT 648
US-10-013-920A-213
; Sequence 213, Application US/10013920A
; Publication No. US20040006219A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guirney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C78
; CURRENT APPLICATION NUMBER: US/10/013,920A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-920A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGAGCTACGAGCTGTGCGCACAC 2573
```


Db 2 CTGACCTTCAGCTGAGCAGAC 24

RESULT 649

US-09-866-108-13907

Sequence 13907, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: A60MICA Sequence Listing Engine

SEQ ID NO 13907

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-13907

Query Match 0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 5542 GTGGTCATGAGCTGAGGAG 5564

3 GCGGTCATGAGCTGAGGAG 25

RESULT 650

US-09-866-108-13910

Sequence 13910, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: A60MICA Sequence Listing Engine

SEQ ID NO 13910

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-13910

Query Match 0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 5543 GTGGTCATGAGCTGAGGAGT 5565

1 GCGGTCATGAGCTGAGGAGT 23

RESULT 651

US-10-435-226-16

Sequence 16, Application US/10435226

Publication No. US20040038357A1

GENERAL INFORMATION:

APPLICANT: Obendorf, Ralph L.

APPLICANT: Ueda, Takashi

TITLE OF INVENTION: PACOPYRITOL SYNTHASE GENES AND USES THEREOF

FILE REFERENCE: 19603/3911

CURRENT APPLICATION NUMBER: US/10/435,226

PRIOR FILING DATE: 2003-05-09

PRIOR APPLICATION NUMBER: 60/379,373

PRIOR FILING DATE: 2002-05-09

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 16

```

; LENGTH: 25
;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; IS-10-435-226-16

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Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0
```

QY	4460	GGACTTTT	TTTTTTTT	TTTTTTTT	TTTTTT	4482
Db	3	GGCCGCTT	TTTTTTTT	TTTTTTTT	TTTTTT	25

```

RESULT: 652
US-10-717-597-391/c
; Sequence 391, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornei, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Slonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-391

```

Query Match	0.2%	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%	Pred. No. 5.2e+02;		
Matches	20;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0

QY	551	TTGAGGTGACAAATCCCTGGGGA	573
Db	25	TTGAGGTGACACTCCCTGAAGAA	3

```

RESULT 653
US-10-723-361-13907
; Sequence 13907, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AND
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

```

```

1000 PRIOR APPLICATION NUMBER: GB 24263.6
1001 PRIOR FILING DATE: 2000-10-04
1002 PRIOR APPLICATION NUMBER: US 60/236,359
1003 PRIOR FILING DATE: 2000-09-27
1004 PRIOR APPLICATION NUMBER: PCT/US01/00666
1005 PRIOR FILING DATE: 2001-01-30
1006 PRIOR APPLICATION NUMBER: PCT/US01/00667
1007 PRIOR FILING DATE: 2001-01-30
1008 PRIOR APPLICATION NUMBER: PCT/US01/00664
1009 PRIOR FILING DATE: 2001-01-30
1010 PRIOR APPLICATION NUMBER: PCT/US01/00669
1011 PRIOR FILING DATE: 2001-01-30
1012 PRIOR APPLICATION NUMBER: PCT/US01/00665
1013 PRIOR FILING DATE: 2001-01-30
1014 PRIOR APPLICATION NUMBER: PCT/US01/00668
1015 PRIOR FILING DATE: 2001-01-30
1016 Remaining Prior Application data removed - See File Wrapper or PALM
1017 NUMBER OF SEQ ID NOS: 15755
1018 SOFTWARE: Aecomica Sequence Listing Engine
1019 SEQ ID NO 13907
1020 LENGTH: 25
1021 TYPE: DNA
1022 ORGANISM: Homo sapiens
1023 US-10-723-361-13907

```

Query Match	0.2%	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%	Pred. No. 5.2e+02;		
Matches	20;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0

DQ 5542 CGTGGTCATGCAGATGGAGAAG 5564
 |||||
Db 3 GCGGTCATGGAGCTGGAGAAG 25

```

1      RESULT 654
2      US-10-723-361-13910
3      ; Sequence 13910, Application US/10723361
4      ; Publication No. US20040137589A1
5      ; GENERAL INFORMATION:
6      ; APPLICANT: GU, Yizhong
7      ; APPLICANT: JI, Yonggang
8      ; APPLICANT: PENN, Sharon G.
9      ; APPLICANT: HANZEL, David K.
10     ; APPLICANT: RANK, David R.
11     ; APPLICANT: CHEN, Wensheng
12     ; APPLICANT: SHANNON, Mark
13     TITLE OF INVENTION: HUMAN WTOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AND
14     FILE REFERENCE: PR0105
15     CURRENT APPLICATION NUMBER: US/10/723,361
16     CURRENT FILING DATE: 2003-11-26
17     PRIOR APPLICATION NUMBER: US 09/866,108
18     PRIOR FILING DATE: 2001-05-25
19     PRIOR APPLICATION NUMBER: US 60/207,456
20     PRIOR FILING DATE: 2000-05-26
21     PRIOR APPLICATION NUMBER: GB 24263,6
22     PRIOR FILING DATE: 2000-10-04
23     PRIOR APPLICATION NUMBER: US 60/236,359
24     PRIOR FILING DATE: 2000-09-27
25     PRIOR APPLICATION NUMBER: PCT/US01/00666
26     PRIOR FILING DATE: 2001-01-30
27     PRIOR APPLICATION NUMBER: PCT/US01/00667
28     PRIOR FILING DATE: 2001-01-30
29     PRIOR APPLICATION NUMBER: PCT/US01/00664
30     PRIOR FILING DATE: 2001-01-30
31     PRIOR APPLICATION NUMBER: PCT/US01/00669
32     PRIOR FILING DATE: 2001-01-30
33     PRIOR APPLICATION NUMBER: PCT/US01/00665
34     PRIOR FILING DATE: 2001-01-30
35     PRIOR APPLICATION NUMBER: PCT/US01/00668
36     PRIOR FILING DATE: 2001-01-30
37     Remaining Prior Application data removed - See File Wrapper or PALM.
38     NUMBER OF SEQ ID NOS: 15755
39     SOFTWARE: Aecomica Sequence Listing Engine

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SEQ ID NO 13910
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-13910

Query Match 0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

5543 GTGGTCATGCAGATGAGAGT 5565
1 GCGGTGATGAGCTGGAGAGT 23

RESULT 655
US-09-953-280-3
Sequence 3, Application US/09953280
Publication No. US20030073072A1
GENERAL INFORMATION:
APPLICANT: Havenga, Menzo
APPLICANT: Vogels, Ronald
APPLICANT: Bout, Abraham

TITLE OF INVENTION: CHIMERIC ADENOVIRUSES
FILE REFERENCE: 2183-4123US
CURRENT APPLICATION NUMBER: US/09/953,280
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/348,354
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 84
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 27
TYPE: DNA

ORGANISM: Human Adenovirus Oligonucleotide
US-09-953-280-3

Query Match 0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

5807 CCTGTCGCTATGTGATGAATC 5833
1 CCKGTSTACCATATGAATGAAGC 27

RESULT 656
US-09-962-543E-5
Sequence 5, Application US/09962543E
Publication No. US20030180258A1
GENERAL INFORMATION:
APPLICANT: GALAPAGOS GENOMICS N.V.
APPLICANT: Crucell Holland B.V.

TITLE OF INVENTION: Viral vectors having tissue tropism for T-lymphocytes, B- and ma
TITLE OF INVENTION: cells
FILE REFERENCE: GAL-004-PCT
CURRENT APPLICATION NUMBER: US/09/962,543E
CURRENT FILING DATE: 2001-09-25
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-09-962-543E-5

Query Match 0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

5807 CCTGTCGCTATGTGATGAATC 5833

Db 1 CCKGTSTACCATATGAATGAAGC 27

RESULT 657
US-09-348-354A-3
Sequence 3, Application US/09348354A
Publication No. US20030017138A1
GENERAL INFORMATION:
APPLICANT: Havenga, Menzo
APPLICANT: Vogels, Ronald
APPLICANT: Bout, Abraham
TITLE OF INVENTION: CHIMERIC ADENOVIRUSES
FILE REFERENCE: 2183-4123US
CURRENT APPLICATION NUMBER: US/09/348,354A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 84
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 27
TYPE: DNA
ORGANISM: Human Adenovirus Oligonucleotide
US-09-348-354A-3

Query Match 0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

5807 CCTGTCGCTATGTGATGAATC 5833
1 CCKGTSTACCATATGAATGAAGC 27

RESULT 658
US-10-040-949A-19
Sequence 19, Application US/10040949A
Publication No. US20030096415A1
GENERAL INFORMATION:
APPLICANT: Introgen BV
APPLICANT: Havenga, Menzo
APPLICANT: Vogels, Ronald

TITLE OF INVENTION: Infection with chimeric adenoviruses of cells negative for the
TITLE OF INVENTION: adenovirus serotype 5 Coxsacki adenovirus receptor (CAR)
FILE REFERENCE: 2183-5226US
CURRENT APPLICATION NUMBER: US/10/040,949A
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: WO01/04334
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: EP 99202234.3
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: US 60/142,557
PRIOR FILING DATE: 2000-07-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(27)
OTHER INFORMATION: tail oligonucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (11)..(16)
OTHER INFORMATION: contains a NdeI restriction site at positions 11-16

FEATURE:
NAME/KEY: misc feature
LOCATION: (3)..(3)
OTHER INFORMATION: 'K' at position 3 indicates a nucleotide that may be either g or
OTHER INFORMATION: c

```
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 's' at position 6 indicates a nucleotide that may be either g or
; OTHER INFORMATION: c
US-10-040-949A-19

Query Match          0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      5807 CCTGTCTGCTATGTGATGATGAATC 5833
Db      1 CCKGTSTACCCATATGAGATGAAGC 27

RESULT 659
US-10-783-510-21
; Sequence 21, Application US/10783510
; Publication No. US20040142473A1
; GENERAL INFORMATION:
; APPLICANT: Vogel, Ronald
; APPLICANT: Schouten, Govert J.
; TITLE OF INVENTION: Means and Methods for Fibroblast-like or Macrophage-like Cell
; TITLE OF INVENTION: Transduction
; FILE REFERENCE: 2183-3982.2US
; CURRENT APPLICATION NUMBER: US/10/783,510
; CURRENT FILING DATE: 2004-02-20
; PRIOR APPLICATION NUMBER: US/09/517,898
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/122,732
; PRIOR FILING DATE: 1999-03-03
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Version 3.1
; SEQ ID NO 21
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligonucleotide for amplification of DNA
; OTHER INFORMATION: fiber protein derived from adenovirus serotype
US-10-783-510-21

Query Match          0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      5807 CCTGTCTGCTATGTGATGATGAATC 5833
Db      1 CCKGTSTACCCATATGAGATGAAGC 27

RESULT 660
US-10-371-600-3/c
; Sequence 3, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-3

Query Match          0.2%; Score 18.2; DB 1; Length 32;
Best Local Similarity 74.2%; Pred. No. 7.3e+02;
Matches 23; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4009 TCTAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 TCAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 661
US-10-371-600-4/c
; Sequence 4, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-4

Query Match          0.2%; Score 18.2; DB 1; Length 32;
Best Local Similarity 74.2%; Pred. No. 7.3e+02;
Matches 23; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4009 TCTAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 TCAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 662
US-09-809-545A-84
; Sequence 84, Application US/09809545A
; Patent No. US20020110804A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: White, R. Tyler
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
```

```

? Sequence 913: Application US/09776479
? Publication No. US20030087848A1
? GENERAL INFORMATION:
? APPLICANT: Bratzler, Robert L.
? APPLICANT: Petersen, Deanna M.
? APPLICANT: Fourton, Yves
? TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
? TITLE OF INVENTION: Treatment of Asthma and Allergy
? FILE REFERENCE: C1037/77013 (HCL/MAT)
? CURRENT APPLICATION NUMBER: US/09/776,479
? CURRENT FILING DATE: 2001-02-02
? PRIOR APPLICATION NUMBER: US 60/179,991
? PRIOR FILING DATE: 2000-02-03
? NUMBER OF SEQ ID NOS: 1093
? SOFTWARE: SeqSeq for Windows Version 3.0
? SEQ ID NO 913
?
? LENGTH: 18
?
? TYPE: DNA
?
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Synthetic Sequence
?
? US-09-776-479-913

Query Match          0.2%; Score 18; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

[illegible]

RESULT 666
US-09-776-479-913

```

: GENERAL INFORMATION:
: APPLICANT: Bratzler, Robert L.
: APPLICANT: Petersen, Deanna M.
: APPLICANT: Pouron, Yves
: TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
: TITLE OF INVENTION: Treatment of Asthma and Allergy
: FILE REFERENCE: C1037/7013 (HCL/MAT)
: CURRENT APPLICATION NUMBER: US/09/776,479
: CURRENT FILING DATE: 2001-02-02
: PRIOR APPLICATION NUMBER: US 60/179,991
: PRIOR FILING DATE: 2000-02-03
: NUMBER OF SEQ ID NOS: 1093
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 913
: LENGTH: 18
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match          0.2%; Score 18; DB 1; Length 18;
Beet Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Gaps 0;

```

[illegible]

```
RESULT 667
US-09-776-479-939
; Sequence 939, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/119,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
      1 TTTT TTTT TTTT TTTT TTTT 18

Db

RESULT 668
US-09-776-479-939
; Sequence 939, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/119,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
      1 TTTT TTTT TTTT TTTT TTTT 18

Db

RESULT 669
US-09-370-541-14
; Sequence 14, Application US/09370541
; Publication No. US20030088079A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; TITLE OF INVENTION: Compounds Prepared Therefrom
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
US-09-370-541-14

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
      1 TTTT TTTT TTTT TTTT TTTT 18

Db

RESULT 670
US-09-979-275A-7
; Sequence 7, Application US/09979275A
; Publication No. US20040110919A1
; GENERAL INFORMATION:
; APPLICANT: NAGAI, HIROSHI
; APPLICANT: KURODA, KYOKO
; APPLICANT: NAKAJIMA, TERUMI
; TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
; TITLE OF INVENTION: ENCODING THE PROTEIN
; FILE REFERENCE: 037181.50611US
; CURRENT APPLICATION NUMBER: US/09/979,275A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/JPO1/02209
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: JP 2000-78967
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-09-979-275A-7

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
      1 TTTT TTTT TTTT TTTT TTTT 18
```

Db 1 TTTT TTTT TTTT TTTT 18

RESULT 671
US-10-389-417-97
Sequence 97, Application US/10389417
Publication No. US20040049014A1
GENERAL INFORMATION:
APPLICANT: Queen, Cary L.
Co, Man Sung
Schneider, William P.
Landolfi, Nicholas F.
Coeleigh, Kathleen L.
Seltick, Harold E.
TITLE OF INVENTION: Improved Humanized Immunoglobulins
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/389,417
FILING DATE: 13-Mar-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 97:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "T at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-417-97

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4481

Db 1 TTTT TTTT TTTT TTTT 18

RESULT 672
US-10-292-088-144
Sequence 144, Application US/10292088
Publication No. US2003021100A1
GENERAL INFORMATION:
APPLICANT: BEDIAN, VAHE
APPLICANT: GLADUE, RONALD P.
APPLICANT: CORVALAN, JOSE
APPLICANT: JIA, XIAO-CHI
APPLICANT: FENG, XIAO
TITLE OF INVENTION: ANTIBODIES TO CD40
FILE REFERENCE: ABX-PF/3 US
CURRENT APPLICATION NUMBER: US/10/292,088
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/348,980
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 147
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 144
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-292-088-144

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT 18

RESULT 673
US-10-314-578-913
Sequence 913, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Kries, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 913
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-913

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4481

Db 1 |||||
1 TTTT TTTT TTTT TTTT 18

RESULT 674
US-10-314-578-939
; Sequence 939, Application US/103114578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-939

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4481
1 TTTT TTTT TTTT TTTT 18

RESULT 675
US-10-125-295-9
; Sequence 9, Application US/10125295
; Publication No. US20020164572A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; Wallace, Robert Bruce
; Cosman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/125,295
; FILING DATE: 17-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/545,225
; FILING DATE: 07-Apr-2000
; APPLICATION NUMBER: US 08/884,029

; FILING DATE: 27-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "c at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4481
1 TTTT TTTT TTTT TTTT 18

RESULT 676
US-10-208-357-24/C
; Sequence 24, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-24

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4481
18 TTTT TTTT TTTT TTTT 1

RESULT 677
US-10-112-653-882
; Sequence 882, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:


```

; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/700601AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 882
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-882
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 678
US-10-017-995-913
; Sequence 913, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 679
US-10-017-995-939
; Sequence 939, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
```

```

; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-939
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 680
US-10-206-613-4
; Sequence 4, Application US/10206613
; Publication No. US20030104432A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Zhidong
; APPLICANT: Jablons, David
; APPLICANT: You, Liang
; APPLICANT: He, Biao
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-119510US
; CURRENT APPLICATION NUMBER: US/10/206,613
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 60/308,190
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo dT-18
; OTHER INFORMATION: linker primer
US-10-206-613-4
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 681
US-10-056-479A-15
; Sequence 15, Application US/10056479A
; Publication No. US20030175678A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Hauteschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Marget E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; TITLE OF INVENTION: Desired Cell Phenotypes
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/056,479A
; CURRENT FILING DATE: 2003-02-07
```

```

: PRIOR APPLICATION NUMBER: US 60/263,807
:
: PRIOR FILING DATE: 2001-01-24
:
: NUMBER OF SEQ ID NOS: 15
:
: SOFTWARE: FastSeq for Windows Version 4.0
:
: SEQ ID NO 15
:
: LENGTH: 18
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Synthetic
:
: US-10-056-479A-15

```

Query Match	0.2%	Score 18;	DB 1;	Length 18;
Best Local Similarity	100.0%	Pred. No.	3.5e+02;	
Matches 18; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTT	4481
Db	1	TTTTTTTTTTTTTTTTTTTT	18

```

1      RESULT 682 US-10-352-704-12
2      ; Sequence 12, Application US/10352704
3      ; Publication No. US20030176690A1
4      ; GENERAL INFORMATION:
5      APPLICANT: Chatelain, Francois
6      ;
7      ; Kumatrev, Viktor
8      TITLE OF INVENTION: Process for Preparing Polynucleotides on
9      ; a Solid Support and Apparatus Permitting
10     ; its
11     ; Implementation
12     NUMBER OF SEQUENCES: 31
13     CORRESPONDENCE ADDRESS:
14     ADDRESSEE: Jacobson, Price, Holman & Stern
15     STREET: 400 Seventh St. N.W.
16     CITY: Washington D.C
17     STATE: D.C
18     COUNTRY: U.S.A.
19     ZIP: 20004
20     COMPUTER READABLE FORM:
21     MEDIUM TYPE: Floppy disk
22     COMPUTER: IBM PC compatible
23     OPERATING SYSTEM: PC-DOS/MS-DOS
24     SOFTWARE: Patentin Release #1.0, Version #1.25
25     CURRENT APPLICATION DATA:
26     APPLICATION NUMBER: US/10/352,704
27     FILING DATE: 28-Jan-2003
28     CLASSIFICATION: 536
29     PRIOR APPLICATION DATA:
30     APPLICATION NUMBER: US/08/358,556A
31     FILING DATE: 14-DEC-1994
32     APPLICATION NUMBER: FR 9315164
33     FILING DATE: 16-DEC-1993
34     ATTORNEY/AGENT INFORMATION:
35     NAME: Player, William E.
36     REGISTRATION NUMBER: 31,409
37     REFERENCE/DOCKET NUMBER: 10577/P58418
38     TELECOMMUNICATION INFORMATION:
39     TELEPHONE: (202) 638-6666
40     TELEFAX: (202) 393-5350
41     TELEX: RCA 248593 IDEA UR
42     INFORMATION FOR SEQ ID NO: 12:
43     SEQUENCE CHARACTERISTICS:
44     LENGTH: 18 base pairs
45     TYPE: nucleic acid
46     STRANDEDNESS: single
47     TOPOLOGY: linear
48     MOLECULE TYPE: DNA (genomic)
49     HYPOTHETICAL: NO
50     ANTI-SENSE: NO
51     FRAGMENT TYPE: N-terminal
52     FEATURE:
53     NAME/KEY: CDS

```

```

; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 12::
US-10-352-704-12

```

Query Match	0.2%;	Score 18;	DB 1;	Length 18;
Best Local Similarity	100.0%;	Pred. No. 3.5e+02;		
Matches 18;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

RESULT 683
US-10-352-704-18/c
; Sequence 18, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
;

TITLE OF INVENTION: Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting its Implementation

CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.

STATE: D.C
COUNTRY: U.S.A.
ZIP: 20004

```

;
;      MEDIUM TYPE: Floppy disk
;
;      COMPUTER: IBM PC compatible
;
;      OPERATING SYSTEM: PC-DOS/MS
;

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003

CLASSIFICATION: 250
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994

AFFILIATION NUMBER: FR 931310
 FILING DATE: 16-DEC-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Player, William B.

REGISTRATION NUMBER: 31,7409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666

TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:

```

;
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

```

;
; MOLECULE TYPE: DNA (genomic)
;
; HYPOTHETICAL: NO
;
; ANTI-SENSE: NO
;
; ENCODING TYPE: N-terminal

```

```
; ; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE INFORMATION: SEQ ID NO. 18
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Query Match	0.2%	Score 18	DB 1	length 18
Best Local Similarity	100.0%	Pred. No.	3.5e+02	
Matches 18	Conservative 0	Mismatches 0	Indels 0	Gaps 0

OY 4464 TTTT TTTT TTTT TTTT 4481
|||||
Db 18 TTTT TTTT TTTT TTTT 1

RESULT 684

US-10-075-335-9
Sequence 9, Application US/10075335
Publication No. US20030186237A1
GENERAL INFORMATION:
APPLICANT: Ginsberg, Stephen
APPLICANT: Che, Shaoli
TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
FILE REFERENCE: HO-P02202US2
CURRENT APPLICATION NUMBER: US/10/075,335
PRIOR FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/268,664
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/348,242
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/344,557
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/306,216
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: 60/350,176
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-075-335-9

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4481
|||||
Db 1 TTTT TTTT TTTT TTTT 18

RESULT 685
US-10-389-155-97
Sequence 97, Application US/10389155
Publication No. US2003023208A1
GENERAL INFORMATION:
APPLICANT: Queen, Cary L.
Co, Man Sung
Schneider, William P.
Landoilfi, Nicholas F.
Coeligh, Kathleen L.
Seliak, Harold E.

TITLE OF INVENTION: Improved Humanized Immunoglobulins
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/389,155
FILING DATE: 13-Mar-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/325,000

FILING DATE: 01-JUN-1999

APPLICATION NUMBER: US 07/290,975

FILING DATE: 28-DEC-1988

APPLICATION NUMBER: US 07/310,252

FILING DATE: 13-FEB-1989

APPLICATION NUMBER: US 07/590,274

FILING DATE: 28-SEP-1990

APPLICATION NUMBER: US 07/634,278

FILING DATE: 19-DEC-1990

APPLICATION NUMBER: US 08/484,537

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 011823-002650US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 97:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: modified_base

LOCATION: 13..18

OTHER INFORMATION: /mod_base= OTHER

/note= "T at positions 13-18 may be

present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 97:

US-10-389-155-97
Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4481
|||||
Db 1 TTTT TTTT TTTT TTTT 18

RESULT 686
US-10-271-602B-84/C
Sequence 84, Application US/10271602B
Publication No. US20040002073A1
GENERAL INFORMATION:
APPLICANT: Alice Xiang Li
APPLICANT: Chazala Hashmi
APPLICANT: Michael Seul

TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
FILE REFERENCE: eMAP-US
CURRENT APPLICATION NUMBER: US/10/271,602B
PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,620
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 212
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 84

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-84
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.3.Se+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT|TTTTTTTTTTTTTT 4481
          |||||
Db      18 TTTT|TTTTTTTTTTTTTT 1
```

```
RESULT 687
US-10-334-143-204
; Sequence 204, Application US/10334143
; Publication No. US20040009549A1
; GENERAL INFORMATION:
; APPLICANT: GRIGORIEV, ISOR VYACHESLAVOVICH
; APPLICANT: SUDASANAM, SUCHA
; TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
; TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
; FILE REFERENCE: 038602/1543
; CURRENT APPLICATION NUMBER: US/10/334,143
; CURRENT FILING DATE: 2002-12-31
; PRIOR APPLICATION NUMBER: 60/343,169
; PRIOR FILING DATE: 2001-12-31
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 204
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides in length
US-10-334-143-204
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.3.Se+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT|TTTTTTTTTTTTTT 4481
          |||||
Db      1 TTTT|TTTTTTTTTTTTTT 18
```

```
RESULT 688
US-10-321-039-541
; Sequence 541, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Javris, Nancy
; APPLICANT: Kurenky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: PORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
```

```

; SEQ ID NO 541
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-541
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.3.Se+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      7415 GCAGCAGCAGCAGCAGCA 7432
          |||||
Db      1 GCAGCAGCAGCAGCAGCA 18
```

```
RESULT 689
US-10-653-416-26
; Sequence 26, Application US/10653416
; Publication No. US20040110201A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYDUB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/10/653,416
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according
US-10-653-416-26
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.3.Se+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT|TTTTTTTTTTTTTT 4481
          |||||
Db      1 TTTT|TTTTTTTTTTTTTT 18
```

```
RESULT 690
US-10-785-744-15
; Sequence 15, Application US/10785744
; Publication No. US20040133941A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Haudenschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Margaret B.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; TITLE OF INVENTION: Desired Cell Phenotypes
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/785,744
; CURRENT FILING DATE: 2004-02-23
```

```

; PRIOR APPLICATION NUMBER: US/10/056,479
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-785-744-15

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 691
US-10-360-854-11
; Sequence 11, Application US/10360854
; Publication No. US20040157220A1
; GENERAL INFORMATION:
; APPLICANT: Kurnool, Purnima
; APPLICANT: No, Betty
; TITLE OF INVENTION: Method and Apparatus for Sample Tracking
; FILE REFERENCE: 10255-020-999
; CURRENT APPLICATION NUMBER: US/10/360,854
; CURRENT FILING DATE: 2003-02-10
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: mammalian
US-10-360-854-11

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
Db 1 CAGCAGCAGCAGCAGCAG 18

RESULT 692
US-10-735-592-1
; Sequence 1, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Kriegl
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CRG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-1
```

```

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 693
US-10-628-525-30/c
; Sequence 30, Application US/10628525
; Publication No. US20040185114A1
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: Not Relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-628-525-30

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 694
US-09-917-138-2/c
; Sequence 2, Application US/09917138
; Patent No. US20020031776A1
; GENERAL INFORMATION:
; APPLICANT: Tullis, Richard
; APPLICANT: STEIFEL, Jerome
```

```

1 TITLE OF INVENTION: ENZYMA TIC LABELLING AND DETECTION OF DNA
2
3 TITLE OF INVENTION: HYBRIDIZATION PROBS
4
5 FILE REFERENCE: 24730-2207B
6
7 CURRENT APPLICATION NUMBER: US/09/917,138
8
9 CURRENT FILING DATE: 2001-07-26
10
11 PRIOR APPLICATION NUMBER: 09/580,358
12
13 PRIOR FILING DATE: 2000-05-25
14
15 PRIOR APPLICATION NUMBER: 60/136,545
16
17 PRIOR FILING DATE: 1999-05-28
18
19 NUMBER OF SEQ. ID NOS: 7
20
21 SOFTWARE: FastSeq for Windows Version 4.0
22
23 SEQ ID NO 2
24
25 LENGTH: 19
26
27 TYPE: DNA
28
29 ORGANISM: Artificial Sequence
30
31 FEATURE:
32
33 OTHER INFORMATION: Oligonucleotide Primer
34
35 NAME/KEY: misc_feature
36
37 LOCATION:
38
39 OTHER INFORMATION: Combined DNA/RNA
40
41 US-09-917-138-2

```

Query Match	0.2%	Score 18;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 3.8e+02;		
Matches 18; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	18	1
Db	18	1	1

```

RESULT 695 US-09-996-292A-54
? Sequence 54, Application US/09996292A
? Publication No. US20030158403A1
? GENERAL INFORMATION:
? APPLICANT: Manoharan, Muthiah
? APPLICANT: Malar, Martin A.
? APPLICANT: Prakash, Thazha P.
? APPLICANT: Rajeev, Kallanthottathil Gopalan
? TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
? FILE REFERENCE: ISIS-4804
? CURRENT APPLICATION NUMBER: US/09/996,292A
? CURRENT FILING DATE: 2001-09-28
? NUMBER OF SEQ ID NOS: 55
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 54
? LENGTH: 19
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Completely synthetic sequence
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (19)..(19)
? OTHER INFORMATION: N= phenoxazine
? US-09-996-292A-54

```

Query Match 0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

RESULT 696
US-09-896-282A-55
; Sequence 55, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah

1 APPLICANT: Mater, Martin A.
 2 APPLICANT: Prakash, Thaba P.
 3 APPLICANT: Rajeev, Kallanthottathil Gopalan
 4 TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
 5 FILE REFERENCE: ISIS-4804
 6 CURRENT APPLICATION NUMBER: US/09/996,292A
 7 CURRENT FILING DATE: 2001-09-28
 8 NUMBER OF SEQ ID NOS: 55
 9 SOFTWARE: PatentIn version 3.1
 10 SEQ ID NO 55
 11 LENGTH: 19
 12 TYPE: DNA
 13 ORGANISM: Artificial Sequence
 14 FEATURE:
 15 OTHER INFORMATION: Completely synthetic sequence
 16 FEATURE:
 17 NAME/KEY: misc_feature
 18 LOCATION: (19)..(19)
 19 OTHER INFORMATION: N= G-clamp modification
 20 US-09-996-292A-55

Query Match	0.2%	Score 18	DB 1	length 19
Best Local Similarity	100.0%	Pred. No.	3.8e+02	
Matches 18	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	4464	4481
Db	1	18

```

RESULT: 697
US-10-096-221-3/C
; Sequence 3, Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: Kuntz, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27
; PRIOR APPLICATION NUMBER: US 60/274,236
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ. ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ. ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-3

```

Query Match	0.2%;	Score 18;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 3.9e+02;		
Matches 18; Conservative	0;	Mismatches	0;	Gaps 0

QY	4464	4481
Db	19	2

RESULT 698
US-10-100-321--22/C
; Sequence 22, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

```
;; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
;; FILE REFERENCE: 49269200500
;; CURRENT APPLICATION NUMBER: US/10/100,321
;; CURRENT FILING DATE: 2002-03-11
;; PRIOR APPLICATION NUMBER: US 60/274,550
;; PRIOR FILING DATE: 2001-03-09
;; NUMBER OF SEQ ID NOS: 24
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 22
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
;; NAME/KEY: misc_feature
;; LOCATION: 1
;; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-22
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
           |||||
Db      19 TTTT TTTT TTTT TTTT TTTT 2
```

```
RESULT 699
US-10-013-295-54
;; Sequence 54, Application US/10013295
;; Publication No. US20030175906A1
;; GENERAL INFORMATION:
;; APPLICANT: Manoharan, Muthiah
;; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
;; FILE REFERENCE: IS154948
;; CURRENT APPLICATION NUMBER: US/10/013,295
;; CURRENT FILING DATE: 2001-12-10
;; PRIOR APPLICATION NUMBER: 60/302,682
;; PRIOR FILING DATE: 2001-07-03
;; NUMBER OF SEQ ID NOS: 55
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 54
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: No. US20030175906A1el Sequence
;; NAME/KEY: misc_feature
;; LOCATION: (19)-(19)
;; OTHER INFORMATION: N= phenoxazine
US-10-013-295-54
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
           |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```
RESULT 700
US-10-013-295-55
;; Sequence 55, Application US/10013295
;; Publication No. US20030175906A1
;; GENERAL INFORMATION:
;; APPLICANT: Manoharan, Muthiah
;; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
;; FILE REFERENCE: IS154948
;; CURRENT APPLICATION NUMBER: US/10/013,295
;; CURRENT FILING DATE: 2001-12-10
```

```
;; PRIOR APPLICATION NUMBER: 60/302,682
;; PRIOR FILING DATE: 2001-07-03
;; NUMBER OF SEQ ID NOS: 55
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 55
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: No. US20030175906A1el Sequence
;; NAME/KEY: misc_feature
;; LOCATION: (19)-(19)
;; OTHER INFORMATION: N= G-clamp modification
US-10-013-295-55
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
           |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```
RESULT 701
US-09-444-388-1
;; Sequence 1, Application US/09444388
;; Patent No. US20020170084A1
;; GENERAL INFORMATION:
;; APPLICANT: Koshivama, Junko
;; TITLE OF INVENTION: Process for obtaining plant DNA fragment and use thereof
;; FILE REFERENCE: 100021-09042
;; CURRENT APPLICATION NUMBER: US/09/444,388
;; CURRENT FILING DATE: 1999-11-12
;; NUMBER OF SEQ ID NOS: 2
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 1
;; LENGTH: 26
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic primer for PCR
US-09-444-388-1
```

```
Query Match          0.2%; Score 18; DB 1; Length 26;
Best Local Similarity 80.8%; Pred. No. 5.9e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy      4455 GGCATGACCTTTT TTTT TTTT TTTT 4480
           |||||
Db      1 GGGAGGCCCTTT TTTT TTTT TTTT 26
```

```
RESULT 702
US-09-263-689-50/c
;; Sequence 50, Application US/09263689
;; Patent No. US20020150970A1
;; GENERAL INFORMATION:
;; APPLICANT: Ni, Jian
;; APPLICANT: Gentz, Reiner L.
;; APPLICANT: Ruben, Steven M.
;; TITLE OF INVENTION: Galactin 8, 9, 10 and 10SV
;; NUMBER OF SEQUENCES: 60
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.
;; STREET: 1100 New York Ave., Suite 600
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20005-3934
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
```

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,689
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/946,914
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-263-689-50

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 TGGAGCTGCTGCAGGCTCCGCGCG 52
DB 26 TGGAACTCGCTGAAGGCCCGGCG 1

RESULT 703
US-09-951-121A-13/c
Sequence 13, Application US/09951121A
Publication No. US20030104978A1
GENERAL INFORMATION:
APPLICANT: Persson, Egon
FILE REFERENCE: 6224.200-US
TITLE OF INVENTION: Human Coagulation Factor VII Variants
CURRENT APPLICATION NUMBER: US/09/951,121A
CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: PA 2000 01361
PRIOR FILING DATE: 2000-09-13
PRIOR APPLICATION NUMBER: 60/236,455
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 13
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-951-121A-13

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 983 CCAAGAGATCAAGGCTCAAGGTG 1008
DB 26 CCTGAGCTCAAGGTCTCAAGGTG 1

RESULT 704
US-10-235-674-50/c
Sequence 50, Application US/10235674
Publication No. US20030040081A1
```

```
GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Gentz, Reiner L.
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Galectin 9 and 10sv Polynucleotides
FILE REFERENCE: 1488.0560004
CURRENT APPLICATION NUMBER: US/10/235,674
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 09/656,450
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: US 09/263,689
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR FILING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: US 60/028,093
PRIOR FILING DATE: 1996-10-09
NUMBER OF SEQ ID NOS: 60
SOFTWARE: Patentin version 3.0
SEQ ID NO 50
LENGTH: 27
TYPE: DNA
ORGANISM: synthetic construct
US-10-235-674-50

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 TGGAGCTGCTGCAGGCTCCGCGCG 52
DB 26 TGGAACTCGCTGAAGGCCCGGCG 1

RESULT 705
US-10-295-682-13/c
Sequence 13, Application US/10295682
Publication No. US20030100740A1
GENERAL INFORMATION:
APPLICANT: Persson, Egon
FILE REFERENCE: 6224.200-US
TITLE OF INVENTION: Human Coagulation Factor VII Variants
CURRENT APPLICATION NUMBER: US/10/295,682
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: PA 2000 01361
PRIOR FILING DATE: 2000-09-13
PRIOR APPLICATION NUMBER: 60/236,455
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 13
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-295-682-13

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 983 CCAAGAGATCAAGGCTCAAGGTG 1008
DB 26 CCTGAGCTCAAGGTCTCAAGGTG 1

RESULT 706
US-10-418-182-175
Sequence 175, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
```



```
;; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
;; FILE REFERENCE: 1551.2001-001
;; CURRENT APPLICATION NUMBER: US/10/418,182
;; CURRENT FILING DATE: 2003-04-16
;; PRIOR APPLICATION NUMBER: 60/373,558
;; PRIOR FILING DATE: 2002-04-17
;; NUMBER OF SEQ ID NOS: 423
;; SOFTWARE: FASTSEQ for Windows Version 4.0
;; SEQ ID NO 175
;; LENGTH: 27
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: oligonucleotide
US-10-418-182-175
```

```
Query Match      0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 23.1%; Pred. No. 6.3e+02;
Matches 6; Conservative 20; Mismatches 0; Indels 0; Gaps 0;
```

Qy 7413 CAGCAGCAGCAGCAGCAGCAGCA 7438

Db 1 CAGSMKYAGSRKSMKMKYMKYAMMM 26

```
RESULT 707
US-10-418-182-414
;; Sequence 414, Application US/10418182
;; Publication No. US20030228302A1
;; GENERAL INFORMATION:
;; APPLICANT: Crea, Roberto
;; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
;; FILE REFERENCE: 1551.2001-001
;; CURRENT APPLICATION NUMBER: US/10/418,182
;; CURRENT FILING DATE: 2003-04-16
;; PRIOR APPLICATION NUMBER: 60/373,558
;; PRIOR FILING DATE: 2002-04-17
;; NUMBER OF SEQ ID NOS: 423
;; SOFTWARE: FASTSEQ for Windows Version 4.0
;; SEQ ID NO 414
;; LENGTH: 27
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: oligonucleotide
US-10-418-182-414
```

```
Query Match      0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 23.1%; Pred. No. 6.3e+02;
Matches 6; Conservative 20; Mismatches 0; Indels 0; Gaps 0;
```

Qy 7413 CAGCAGCAGCAGCAGCAGCAGCA 7438

Db 1 CAGSMKYAGSRKSMKMKYMKYAMMM 26

```
RESULT 708
US-10-380-195A-15
;; Sequence 15, Application US/10380195A
;; Publication No. US2004007276A1
;; GENERAL INFORMATION:
;; APPLICANT: Gleave, Martin
;; APPLICANT: Kiyama, Satoshi
;; APPLICANT: Nelson, Colleen
;; APPLICANT: Renne, Paul
;; TITLE OF INVENTION: Antisense Insulin-like Growth Factor Binding Protein (IGFBP)-2
;; TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
;; FILE REFERENCE: UBC.P-023
;; CURRENT APPLICATION NUMBER: US/10/380,195A
;; CURRENT FILING DATE: 2003-03-12
;; PRIOR APPLICATION NUMBER: PCT/US01/88748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
```

```
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 15
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-15
```

```
Query Match      0.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 7413 CAGCAGCAGCAGCAGCAGCAG 7433

Db 1 CAGTACGACGACGACGACGCG 21

```
RESULT 709
US-10-349-143-9116/c
;; Sequence 9116, Application US/10349143
;; Publication No. US2004000584A1
;; GENERAL INFORMATION:
;; APPLICANT: Cohen, Daniel
;; APPLICANT: Blumenfeld, Marla
;; APPLICANT: Chumakov, Ilya
;; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
;; FILE REFERENCE: GENSET.020C01
;; CURRENT APPLICATION NUMBER: US/10/349,143
;; CURRENT FILING DATE: 2003-01-21
;; PRIOR APPLICATION NUMBER: US/09/422,978
;; PRIOR FILING DATE: 1999-10-20
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
;; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
;; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
;; NUMBER OF SEQ ID NOS: 11796
;; SEQ ID NO 9116
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo Sapiens
;; FEATURE:
;; NAME/KEY: primer_bind
;; LOCATION: 1..21
;; OTHER INFORMATION: downstream amplification primer 99-22333 for SEQ 1251, in comple
US-10-349-143-9116
```

```
Query Match      0.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 3899 GTTACTTTCATGACATTTTC 3919

Db 21 GTTCTTTTCATGACATTTTC 1

```
RESULT 710
US-09-776-479-61
;; Sequence 61, Application US/09776479
;; Publication No. US20030087848A1
;; GENERAL INFORMATION:
;; APPLICANT: Bratzler, Robert L.
;; APPLICANT: Petersen, Deanna M.
;; APPLICANT: Fournon, Yves
;; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
;; TITLE OF INVENTION: Treatment of Asthma and Allergy
;; FILE REFERENCE: C1037/77013 (HCL/MAT)
;; CURRENT APPLICATION NUMBER: US/09/776,479
;; CURRENT FILING DATE: 2001-02-02
```

```
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGTTT 4488
DB      1 TTTTGTGTTTGTGTTT 21
```

```
RESULT 711
; Sequence 61, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGTTT 4488
DB      1 TTTTGTGTTTGTGTTT 21
```

```
RESULT 712
US-10-314-578-61
; Sequence 61, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
```

```
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-61
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGTTT 4488
DB      1 TTTTGTGTTTGTGTTT 21
```

```
RESULT 713
US-10-112-653-55
; Sequence 55, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 55
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-55
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGTTT 4488
DB      1 TTTTGTGTTTGTGTTT 21
```

```
RESULT 714
US-10-017-995-61
; Sequence 61, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-61
```

Query Match 0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4468 TTTTGTGTTTGTGCTT 4488
Db 1 TTTTGTGTTTGTGCTT 21

RESULT 715

US-10-106-749-3
; Sequence 3, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Inscint, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Diatratos, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECE
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLAT
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-106-749-3

Query Match 0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4469 TTTTGTGTTTGTGCTT 4489
Db 1 TTTTGTGTTTGTGCTT 21

RESULT 716

US-10-429-555-15/c
; Sequence 15, Application US/10429555
; Publication No. US20040016024A1
; GENERAL INFORMATION:
; APPLICANT: Ahrens, Jeffrey
; APPLICANT: Shen, Jeffrey Q.
; APPLICANT: Wang, Qi
; APPLICANT: Weaver, Lisa
; APPLICANT: Oulmasov, Tim
; APPLICANT: Dubois, Patrice
; TITLE OF INVENTION: Temporal Seed Promoters for Expressing Genes in Plants
; FILE REFERENCE: 16515.144
; CURRENT APPLICATION NUMBER: US/10/429,555
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-429-555-15

Query Match 0.2%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 1850 AGGTGAAGACGTGCTCAGA 1870
Db 22 AGGAGAAAGACGTGCTCAGA 2

RESULT 717

US-09-866-108-13911
; Sequence 13911, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yichong
; APPLICANT: JI, Jiongqiang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13911
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13911

Query Match 0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5545 GGTGATCAGATGAGAGT 5565
Db 2 GGTGATCAGATGAGAGT 22

RESULT 718

US-09-866-108-13912

```
/ Sequence 13912, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David R.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 13912
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13912

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5545 GGTCATGAGCTGAGAGCT 5565
           |||||||
Db      1 GGTCATGAGCTGAGAGCT 21
```

RESULT 719

```
US-09-776-479-943
/ Sequence 943, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouron, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
```

```
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 943
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-943
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTCTTTTCTTTT 4480
           |||||||
Db      5 GGCGTTTCTTTTCTTTT 25
```

RESULT 720

```
US-09-776-479-943
/ Sequence 943, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouron, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 943
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-943
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTCTTTTCTTTT 4480
           |||||||
Db      5 GGCGTTTCTTTTCTTTT 25
```

RESULT 721

```
US-10-314-578-943
/ Sequence 943, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
```



```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13911
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13911

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5545 GGTGCATGCAGATGCAGAGAAGT 5565
Db      2   GGTGCATGCAGATGCAGAGAAGT 22

RESULT 726
US-10-723-361-13912
; Sequence 13912, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MTOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13912
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13912

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5545 GGTGCATGCAGATGCAGAGAAGT 5565
Db      1   GGTGCATGCAGATGCAGAGAAGT 21
```

```
RESULT 727
US-10-108-969-8/c
; Sequence 8, Application US/10108969
; Publication No. US20030198959A1
; GENERAL INFORMATION:
; APPLICANT: Kurnit, David M.
; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia
; FILE REFERENCE: 65988-0001
; CURRENT APPLICATION NUMBER: US/10/108,969
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human beta-actin reverse primer
US-10-108-969-8

Query Match          0.2%; Score 17.8; DB 1; Length 32;
Best Local Similarity 75.9%; Pred. No. 8.4e+02;
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGGAAACAAA 4039
Db      30 TAAATGAGAAAAAGAGGAAACAAA 2

RESULT 728
US-10-309-775A-20/c
; Sequence 20, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOBEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM4327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-20

Query Match          0.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4018 ACAAAGAGAGAGAGAGAGAGAGATG 4041
Db      24 ACAAAGAGAGAGAGAGAGAGAGATG 1

RESULT 729
US-10-655-751-36
; Sequence 36, Application US/10655751
; Publication No. US20040138423A1
; GENERAL INFORMATION:
; APPLICANT: WANG, XIU-HONG
; APPLICANT: KING, GLENN F.
; TITLE OF INVENTION: INSECTICIDAL COMPOUNDS AND METHODS FOR SELECTION THEREOF
; FILE REFERENCE: 883933, 0091
; CURRENT APPLICATION NUMBER: US/10/655,751
```

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; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 10/436,324
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 09/780,874
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,552
; PRIOR FILING DATE: 2000-02-10
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 36
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-655-751-36

Query Match          0.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4460 GGACCTTTTCTTTTCTTTTCTTTT 4483
Db 1 GGGCAGCTTTTCTTTTCTTTTCTTTT 24

RESULT 730
US-09-838-386-22
; Sequence 22, Application US/09838386
; Patent No. US20010055756A1
; GENERAL INFORMATION:
; APPLICANT: Pellerin, Charles
; APPLICANT: Kukoilj, George
; TITLE OF INVENTION: Internal De No. US20010055756A10 Initiation Sites of the HCV NS5B
; TITLE OF INVENTION: Theresof
; FILE REFERENCE: 1011.2180001
; CURRENT APPLICATION NUMBER: US/09/838,386
; CURRENT FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 60/198,793
; PRIOR FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 22
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: RNA Initiation site
US-09-838-386-22

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 4.2%; Pred. No. 6.5e+02;
Matches 1; Conservative 19; Mismatches 4; Indels 0; Gaps 0;

Cy 4465 TTTTCTTTTCTTTTCTTTTCTTTTCTT 4488
Db 1 UUUUUUUUUUUUUUUUUUUUUUUUUUU 24

RESULT 731
US-10-098-263B-96623
; Sequence 96623, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
```

```

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 96623
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-96623

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 7405 AGCAACATCAGCAGCAGCAGCAGC 7428
Db 1 AGCGACAGCAGCAGCAGCAGCAGCGCC 24

RESULT 732
US-10-098-263B-113847
; Sequence 113847, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 113847
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-113847

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 2193 CCGCATCATCTTCTACCGAGATGG 2216
Db 2 CCGTATCCTCCTCTACCAAGATGG 25

RESULT 733
US-10-098-263B-124486
; Sequence 124486, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 124486
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-124486

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 2595 TGTCTATCCAGCAGCAGCTGCGCTA 2618
Db 1 TGTCTGTCTCCAGGAGCTGCGCTA 24
```

```
RESULT 734
US-10-098-263B-130464/c
; Sequence 130464, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 130464
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-130464

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.Se+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6597 AAGTTGACGTTCTCCCATC 6620
DB 25 AAGTCCGACGTTCTCTCTC 2

RESULT 735
US-10-273-762-13/c
; Sequence 13, Application US/10273762
; Publication No. US20030147881A1
; GENERAL INFORMATION:
; APPLICANT: CHEUNG, Nai-Kong V
; APPLICANT: GUO, Hong-fen
; TITLE OF INVENTION: METHOD FOR PREPARATION OF SINGLE CHAIN ANTIBODIES
; FILE REFERENCE: 676-A-PCT
; CURRENT APPLICATION NUMBER: US/10/273,762
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/330,396
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 10/097,558
; PRIOR FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: PCT/US01/32565
; PRIOR FILING DATE: 2001-10-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-273-762-13

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.Se+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 527 CCATTGGCAACGAGCGGTGCACT 550
DB 25 CCATTGGCAATGACGGGTCCGCT 2

RESULT 736
US-10-717-597-3552/c
; Sequence 3552, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.

; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3552
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-3552

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.Se+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4530 GTGGTTCTAGCTTGCTCTGTG 4553
DB 25 GTAGCTCTATCTTGTTCTGTG 2

RESULT 737
US-10-717-597-4270/c
; Sequence 4270, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4270
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4270

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.Se+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGATGACTGTGT 4146
DB 24 TTGAGCCTTCAGATGATTTGGGT 1

RESULT 738
US-10-775-169-2736/c
; Sequence 2736, Application US/1075169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Twine, Andrew J.
```



```

; APPLICANT: Dornier, Andrew
; APPLICANT: Trepichio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2736
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-2736

Query Match      0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4123 TTGAGCCATCGATGAACTGTGT 4146
Db      24 TTGAGCCCTTCAGAAATGATTGGCT 1
      |||||
RESULT 739
US-10-775-169-4680/c
; Sequence 4680, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeck
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepichio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4680

Query Match      0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4530 GTGGTTCTAGCTTGCTCTCTGTG 4553
Db      25 GTAGCTATATCTTGTTCTCTGTG 2
      |||||
RESULT 740
US-09-975-456B-4/c
; Sequence 4, Application US/09975456B
; Publication No. US20030073087A1
; GENERAL INFORMATION:
; APPLICANT: LAZDUNSKI, MICHEL
; APPLICANT: LAMBEAU, GERARD
; APPLICANT: VALENTIN, EMMANUEL
; TITLE OF INVENTION: NOVEL MAMMALIAN SECRETED GROUP IIF PHOSPHOLIPASE A2
; FILE REFERENCE: 1478-R-00
; CURRENT APPLICATION NUMBER: US/09/975,456B
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 60/239,491
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 2.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: DNA
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```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-975-456B-4

Query Match      0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 6.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3209 TTGAGAAAGTGGTGGAGAGAGG 3232
Db      25 TTGAGAGAGAGAGCGGAGAGAGG 2
      |||||
RESULT 741
US-10-309-775A-74/c
; Sequence 74, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-74

Query Match      0.2%; Score 17.6; DB 1; Length 28;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4018 AGAAAAAGAGCAAAACAAATG 4041
Db      28 AAAAAAAAAAAAAAAAACAAAATG 5
      |||||
RESULT 742
US-09-263-959-793/c
; Sequence 793, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
```

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;
;   REGISTRATION NUMBER: 33,963
;   REFERENCE/DOCKET NUMBER: 920010.426C2
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (206) 622-4900
;   TELEFAX: (206) 682-6031
;   INFORMATION FOR SEQ ID NO: 793:
;   SEQUENCE CHARACTERISTICS:
;       LENGTH: 19 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;
US-09-263-959-793

Query Match          0.2%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCA 7432
Db      19 AGCAGCAGCAGCAGCAGCA 1

RESULT 743
; Sequence 7, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
;   APPLICANT: Macleod, Alan R
;   APPLICANT: Li, Zoumei
;   TITLE OF INVENTION: Inhibition of Histone Deacetylase
;   FILE REFERENCE: 106101.229
;   CURRENT APPLICATION NUMBER: US/09/563,728A
;   PRIOR FILING DATE: 2000-05-03
;   PRIOR APPLICATION NUMBER: 60/132,287
;   PRIOR FILING DATE: 1999-05-03
;   NUMBER OF SEQ ID NOS: 36
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO 7
;   LENGTH: 20
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: synthetic
;
US-09-563-728A-7

Query Match          0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGAG 7433
Db      20 GCAGCAGCAGCAGCAGAG 2

RESULT 744
US-09-563-728A-16/c
; Sequence 16, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
;   APPLICANT: Macleod, Alan R
;   APPLICANT: Li, Zoumei
;   APPLICANT: Besterman, Jeffrey M
;   TITLE OF INVENTION: Inhibition of Histone Deacetylase
;   FILE REFERENCE: 106101.229
;   CURRENT APPLICATION NUMBER: US/09/563,728A
;   PRIOR FILING DATE: 2000-05-03
;   PRIOR APPLICATION NUMBER: 60/132,287
;   PRIOR FILING DATE: 1999-05-03
;   NUMBER OF SEQ ID NOS: 36
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO 16
```

```
;   LENGTH: 20
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   NAME/KEY: modified base
;   LOCATION: 1-4 and 17-20 are modified
;   OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
;   OTHER INFORMATION: substituted nucleotides; positions 5-16 are
;   OTHER INFORMATION: deoxyribonucleotides
;
US-09-563-728A-16

Query Match          0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGAG 7433
Db      20 GCAGCAGCAGCAGCAGAG 2

RESULT 745
US-09-754-106-56
; Sequence 56, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
;   APPLICANT: Bell, Graeme I.
;   APPLICANT: Yamagata, Kazuya
;   APPLICANT: Oda, Naohisa
;   APPLICANT: Katsaki, Pamela J.
;   APPLICANT: Furuta, Hiroco
;   APPLICANT: Horikawa, Yukio
;   APPLICANT: Menzel, Stephen
;   TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
;   TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
;   NUMBER OF SEQUENCES: 147
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Arnold, White & Durkee
;   STREET: P.O. Box 4433
;   CITY: Houston
;   STATE: Texas
;   COUNTRY: USA
;   ZIP: 77210
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/754,106
;   FILING DATE:
;   CLASSIFICATION:
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 08/927,219
;   FILING DATE:
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 60/028,056
;   FILING DATE: 02-OCT-1996
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 60/025,719
;   FILING DATE: 10-SEP-1996
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Wilson, Mark B.
;   REGISTRATION NUMBER: 37,259
;   REFERENCE/DOCKET NUMBER: ARCD:272
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 512/418-3000
;   TELEFAX: 512/474-7577
;   INFORMATION FOR SEQ ID NO: 56:
;   SEQUENCE CHARACTERISTICS:
;       LENGTH: 20 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
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TOPLOGY: linear
US-09-754-106-56
Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 5017 GGGCTCTGGAGAGCGAG 5035
DB 1 GGGCACTGGAGAGCGAG 19
RESULT 746
US-10-145-493B-52/C
Sequence 52, Application US/10145493B
Publication No. US20030096777A1
GENERAL INFORMATION:
APPLICANT: Besterman, Jeffrey
APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
FILE REFERENCE: MET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: US 60/104,804
PRIOR FILING DATE: 1998-10-19
NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn version 3.0
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-145-493B-52
Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 7415 GCAGCAGCAGCAGCGAG 7433
DB 20 GCAGCAGCAGCAGCGAG 2
RESULT 747
US-10-315-962-67
Sequence 67, Application US/10315962
Publication No. US20040109848A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freiler
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-67
Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 7415 GCAGCAGCAGCAGCGAG 7433
DB 1 GCGCAGCAGCAGCAGCGAG 19
RESULT 748
US-10-671-395-616
Sequence 616, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 616
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-616
Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 4468 TTTTGTGTC 4486
DB 1 TTTTGTGTC 19
RESULT 749
US-10-728-399-141
Sequence 141, Application US/10728399
Publication No. US20040132078A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Colica, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mltonEET EXPRESSION
FILE REFERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 141
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mltonEET antisense
US-10-728-399-141
Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 4464 TTTTGTGTC 4482
DB 1 TTTTGTGTC 19
RESULT 750
US-10-098-263B-120259/C
Sequence 120259, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:

```
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 120259
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-120259

Query Match          0.2%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4842 TATCCGAGTTCTGCTG 4860
DB      22 TCTCCAGGTTCTGTTCTG 4

RESULT 751
US-10-717-597-2726/C
; Sequence 2726, Application US/10717597
; Publication No. US2004011022A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stever, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080I.
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2726
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-2726

Query Match          0.2%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7125 TCCTGTGACACACTCCAG 7143
DB      19 TCCTGACGACACACTCCAG 1

RESULT 752
US-10-775-169-4640
; Sequence 4640, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities in Vivo
; FILE REFERENCE: AM101080 (031896-013000)
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; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4640
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4640

Query Match          0.2%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6005 GAGCGTTCTGGCATTTC 6023
DB      6 GAGCGTTCTGGAAATTTTC 24

RESULT 753
US-09-978-522-34
; Sequence 34, Application US/09978522
; Publication No. US20030033627A1
; GENERAL INFORMATION:
; APPLICANT: Descenzo, Richard
; APPLICANT: Ireland, Nancy
; TITLE OF INVENTION: Lipoxigenase Genes From Vitis Vinifera
; FILE REFERENCE: 29520/37890
; CURRENT APPLICATION NUMBER: US/09/978,522
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 60/241,220
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 34
; LENGTH: 22
; TYPE: DNA
; ORGANISM: primer LOX 27U
US-09-978-522-34

Query Match          0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 6.4e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7019 TTACAGAGGAAATAGCAACC 7040
DB      1 TTACAGGGAATAATGGAACC 22

RESULT 754
US-09-978-522-39/C
; Sequence 39, Application US/09978522
; Publication No. US20030033627A1
; GENERAL INFORMATION:
; APPLICANT: Descenzo, Richard
; APPLICANT: Ireland, Nancy
; TITLE OF INVENTION: Lipoxigenase Genes From Vitis Vinifera
; FILE REFERENCE: 29520/37890
; CURRENT APPLICATION NUMBER: US/09/978,522
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 60/241,220
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: primer LOX 48L
US-09-978-522-39

Query Match          0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 6.4e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Oy 7019 TTACAGAGGAAATAGCAACC 7040
Db 22 TTACAGGGGAAAATTGGAAAAC 1

RESULT 755
US-10-629-951-7/c
; Sequence 7, Application US/10629951
; Publication No. US20040018550A1
; GENERAL INFORMATION:
; APPLICANT: Bellacosa, Alfonso
; TITLE OF INVENTION: Methods for Detection of Transition
; FILE REFERENCE: PCCC 96-21
; CURRENT APPLICATION NUMBER: US/10/629,951
; PRIORITY FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US/09/629,222A
; PRIORITY FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 09/463,891
; PRIORITY FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US98/15828
; PRIORITY FILING DATE: 1998-07-28
; PRIOR APPLICATION NUMBER: 60/053,936
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-629-951-7

Query Match 0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 6.4e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1099 CTGAGAGTGGACAGACTGTGG 1120
Db 22 CCGGAGATGGACAGCTGTGG 1

RESULT 756
US-10-128-456-20/c
; Sequence 20, Application US/10128456
; Publication No. US20030204874A1
; GENERAL INFORMATION:
; APPLICANT: Korea Kumho Petrochemical Co., Ltd.
; TITLE OF INVENTION: Transgenic Plants with Enhanced Stress Tolerance
; FILE REFERENCE: 1942/51
; CURRENT APPLICATION NUMBER: US/10/128,456
; PRIORITY FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-128-456-20

Query Match 0.2%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 6.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3940 CTTGATGTCAAGTCTTATG 3961
Db 23 CTTGATGTCAAGTCAATG 2

RESULT 757
US-10-177-308-24/c
; Sequence 24, Application US/10177308
; Publication No. US20030175262A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Balindur, Nand
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: MAMMALIAN ADHESION PROTEASE PEPTIDES
; FILE REFERENCE: 99-39
; CURRENT APPLICATION NUMBER: US/10/177,308
; PRIORITY FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US/09/632,098
; PRIORITY FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide 2C21.076
US-10-177-308-24

Query Match 0.2%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 6.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7413 CAGCAGCAGCAGCAGCAGC 7434
Db 23 CAGTAGTAGCAGCAGCAGCAAC 2

RESULT 758
US-10-309-775A-21/c
; Sequence 21, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; PRIORITY FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIORITY FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-21

Query Match 0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4020 AAAAAAGAGAAAACAAATG 4041
Db 24 AAAAAAAGAAAAACAAATG 3

RESULT 759
US-10-025-145A-100/c
; Sequence 100, Application US/10025145A
; Publication No. US20030175861A1
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Bohmann, Joerg
; APPLICANT: Steele, Christopher L.
; APPLICANT: Phillips, Michael A.

```
; TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandis)
; FILE REFERENCE: WSUR118414
; CURRENT APPLICATION NUMBER: US/10/025,145A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/360,545
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US98/14528
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: US 60/052,249
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 100
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Mutagenesis Primer 3elBamH1P
US-10-025-145A-100

Query Match          0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7258 GAAATGCTCTCGATCCCAACA 7279
Db      24 GAAATGCTATGATTCACCAA 3

RESULT 760
US-10-025-145A-101
; Sequence 101, Application US/10025145A
; Publication No. US20030175861A1
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Bohlmann, Joerg
; APPLICANT: Steele, Christopher L.
; APPLICANT: Phillips, Michael A.
; TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandis)
; FILE REFERENCE: WSUR118414
; CURRENT APPLICATION NUMBER: US/10/025,145A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/360,545
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US98/14528
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: US 60/052,249
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 101
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Mutagenesis Primer 3elBamH1R
US-10-025-145A-101

Query Match          0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7258 GAAATGCTCTCGATCCCAACA 7279
Db      1 GAAATGCTATGATTCACCAA 22

RESULT 761
US-10-198-447A-21/C
; Sequence 21, Application US/10198447A
; Publication No. US20040018622A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
```

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; APPLICANT: Puttaraju, Madaliah
; APPLICANT: Dallinger, Guenter
; APPLICANT: Klausegger, Alfred
; APPLICANT: Bauer, Johann
; TITLE OF INVENTION: SPliceosome-MEDIATED RNA TRANS-SPlicing
; TITLE OF INVENTION: FOR CORRECTION OF SKIN DISORDERS
; FILE REFERENCE: A35306 069906.0115
; CURRENT APPLICATION NUMBER: US/10/198,447A
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-198-447A-21

Query Match          0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAGCAC 7436
Db      24 GAAGCAGCAGCAGCAGCAGCAGCTC 3

RESULT 762
US-09-866-108-13906
; Sequence 13906, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
```

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 13906

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-13906

Query Match

Best Local Similarity 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5542 GGTGTCATGTCAGATGAGAA 5563

Db 4 GCGGTCATGAGCTGAGAA 25

RESULT 763

US-09-853-830-166/c

Sequence 166, Application US/09853830

Patent No. US20020107388A1

GENERAL INFORMATION:

APPLICANT: Vandenberg, Arthur A.

TITLE OF INVENTION: Methods of Identifying and Monitoring

FILE REFERENCE: P-IM 4734

CURRENT APPLICATION NUMBER: US/09/853,830

CURRENT FILING DATE: 2001-09-18

NUMBER OF SEQ ID NOS: 184

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 166

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-853-830-166

Query Match

Best Local Similarity 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5155 GGGGAGTTCTCTGGACAGTG 5176

Db 22 GGGGAGTTCTCTGGTGTGAGTG 1

RESULT 764

US-09-899-642-11

Sequence 11, Application US/09899642

Publication No. US20030041346A1

GENERAL INFORMATION:

APPLICANT: Halkier, Barbara

Bak, Soren

Kahn, Rachel

Moller, Birger

TITLE OF INVENTION: Cytochrome P450 Monooxygenases

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Syngenta Patent Dept.

STREET: 3054 Cornwallis Road

CITY: RTP

STATE: NC

COUNTRY: USA

ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/09/899,642

FILING DATE: 05-Jul-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/380,420

FILING DATE: 12-NOV-1999

ATTORNEY/AGENT INFORMATION:

NAME: Meigs, J. Timothy

REGISTRATION NUMBER: 38,241

REFERENCE/DOCKET NUMBER: S-21251A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 919-541-8587

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-899-642-11

Query Match

Best Local Similarity 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4460 GGACTTTTTTTTTTTTTTTT 4481

Db 3 GGATCCTTTTTTTTTTTTTT 24

RESULT 765

US-09-940-185-4598/c

Sequence 4598, Application US/09940185

Publication No. US20030096239A1

GENERAL INFORMATION:

APPLICANT: Chee, Mark

TITLE OF INVENTION: Probes and Decoder Oligonucleotides

FILE REFERENCE: A-69605-1

CURRENT APPLICATION NUMBER: US/09/940,185

CURRENT FILING DATE: 2001-08-27

PRIOR FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: US 60/227,948

PRIOR FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 4768

SOFTWARE: Patent In version 3.1

SEQ ID NO 4598

LENGTH: 25

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Computer Generated Probe Sequence.

US-09-940-185-4598

Query Match

Best Local Similarity 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 433 GAATACATGTCAGCATTTCA 454

Db 22 GAATACATGTCAGCATTTCA 1

RESULT 766

US-10-098-263B-7610

Sequence 7610, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Miltman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

```
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 7610
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-7610

Query Match      0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2390 GTAACATCCAGCTGGAGCCAC 2411
Db      3 GTAACATCCAACTCGACAC 24

RESULT 767
US-10-098-263B-19557
; Sequence 19557, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 19557
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-19557

Query Match      0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6821 TTTCGTGTTTCGCTTCTCC 6842
Db      1 TTTCGTGTTTCGCTTCTCC 22

RESULT 768
US-10-098-263B-25223/C
; Sequence 25223, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 25223
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-25223

Query Match      0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3249 CCTTAATCAGAAAGACTAGA 3270
Db      1 CCTTAATCAGAAAGACTAGA 3270
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```
Db      23 CCTTAATCAGAGAGACTAAA 2

RESULT 769
US-10-098-263B-40510
; Sequence 40510, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 40510
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-40510

Query Match      0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2146 CGTAGCTCTCATCCATTC 2167
Db      1 CGAGAGCTCTCATCAAGCT 22

RESULT 770
US-10-098-263B-50839
; Sequence 50839, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50839
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50839

Query Match      0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      398 ATAAAGTCCCGTAGTCAA 419
Db      1 ATAAATTCCTCGTAGTCAA 22

RESULT 771
US-10-098-263B-51339
; Sequence 51339, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
```



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; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51339
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51339

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2808 ACTGATGAGAAAGAAAGCTTCC 2829
      ||||| ||||| ||||| |||||
Db      1  ACTGAGAGAAAGAAACCTCTCC 22

RESULT 772
US-10-098-263B-55787/c
; Sequence 55787, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55787
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-55787

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1410 GAAGATGACATGACGAGGTG 1431
      ||||| ||||| ||||| |||||
Db      23  GAAGGACCATGACGAGGAG 2

RESULT 773
US-10-098-263B-106278/c
; Sequence 106278, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 106278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-106278

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5070 CTAAAGAGTGTGCTTAAC 5091
      ||||| ||||| ||||| |||||
Db      23  CTAAAGACAGTGTGCTACAC 2
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RESULT 774
US-10-098-263B-113992/c
; Sequence 113992, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 113992
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-113992

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1275 GACCGACACCAAGCTGACC 1296
      ||||| ||||| ||||| |||||
Db      23  GACGACAGTCAGACTCGACC 2

RESULT 775
US-10-098-263B-124457
; Sequence 124457, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 124457
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-124457

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3016 TCTGTGACATCTGCGCCTGAC 3037
      ||||| ||||| ||||| |||||
Db      3  TCTGTGATCCGCTCCTGAC 24

RESULT 776
US-10-060-998-2198
; Sequence 2198, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
```

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; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2198
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2198

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      4 TTTCACGACTGTTTATTTT 25

RESULT 777
US-10-060-998-2199
; Sequence 2199, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2199
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2199

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      3 TTTCACGACTGTTTATTTT 24

RESULT 778
US-10-060-998-2200
; Sequence 2200, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2200
; LENGTH: 25
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```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2200

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      2 TTTCACGACTGTTTATTTT 23

RESULT 779
US-10-060-998-2201
; Sequence 2201, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2201
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2201

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      1 TTTCACGACTGTTTATTTT 22

RESULT 780
US-10-438-729-165/c
; Sequence 165, Application US/10438729
; Publication No. US20030190665A1
; GENERAL INFORMATION:
; APPLICANT: Vandebark, Arthur
; TITLE OF INVENTION: METHODS OF SELECTING T CELL RECEPTOR V PEPTIDES FOR THERAPEUTIC I
; FILE REFERENCE: 6915-65828
; CURRENT APPLICATION NUMBER: US/10/438,729
; PRIOR FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/203,984
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: 09/853,830
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 60/380,731
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 165
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-438-729-165

Query Match          0.2%; Score 17.2; DB 1; Length 25;
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Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5155 GGGAGTTCCTCTCGAGCAGTG 5176
Db 22 GGGAGTTCCTCTCGAGCAGTG 1

RESULT 781

US-10-435-696-231
; Sequence 231, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 231
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D17S946 forward primer
US-10-435-696-231

Query Match 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 ACAGTATTCAGCAGAAATAT 1155
Db 1 ACAGTATTCAGCAGAAATAT 22

RESULT 782

US-10-717-597-4525/c
; Sequence 4525, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wylech
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepichio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4525
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4525

Query Match 0.2%; Score 17.2; DB 1; Length 25;

Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5341 ACTCTCCAGTTGGTTTCAG 5362
Db 25 AATCTCCAGTTGGTTTCAG 4

RESULT 783

US-10-723-361-13906
; Sequence 13906, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: Ji, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Mennheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13906
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13906

Query Match 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5542 GGTGTCATGCAGATGAGAA 5563
Db 4 GGTGTCATGCAGATGAGAA 25

RESULT 784

US-09-891-517-11/c
; Sequence 11, Application US/09891517
; Patent No. US2002010653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA

```

; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-11

Query Match          0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAACAATGTTATTT 4047
Db      30 AAAAAAAAAAGAAAAAAATATATATAT 1

RESULT 785
US-09-891-517-13/c
; Sequence 13, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KAMAGATA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-13

Query Match          0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAACAATGTTATTT 4047
Db      30 AAAAAAAAAAGAAAAAAATATATATAT 1
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```

RESULT 786
US-10-683-386-11/c
; Sequence 11, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KAMAGATA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL.
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-11

Query Match          0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAACAATGTTATTT 4047
Db      30 AAAAAAAAAAGAAAAAAATATATATAT 1

RESULT 787
US-10-683-386-13/c
; Sequence 13, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KAMAGATA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
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US-10-683-386-13

Query Match 0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAAAAATGTTATT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 788

US-10-209-608-11/c
; Sequence 11, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209, 608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725, 265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURES:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-11

Query Match 0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAAAAATGTTATT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 789

US-10-209-608-13/c
; Sequence 13, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209, 608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725, 265

PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURES:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-13

Query Match 0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAAAAATGTTATT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 790

US-09-843-676-132
; Sequence 132, Application US/09843676
; Patent No. US20020164786A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lininger, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020164786A1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US /09/843, 676
; FILING DATE: 26-Apr-2001
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854, 050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/846, 017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844, 419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724, 643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

US-10-208-357-23/C
Sequence 23, Application US/10208357
Publication No. US20020182687A1
GENERAL INFORMATION:
APPLICANT: Kutz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-23
Query Match 0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 4464 TTTT TTTT TTTT TTTT TTTT 4480
Db 17 TTTT TTTT TTTT TTTT TTTT 1
RESULT 794
US-10-053-758-132
Sequence 132, Application US/10053758
Publication No. US20030032075A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997

APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-053-758-132
Query Match 0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 4464 TTTT TTTT TTTT TTTT TTTT 4480
Db 1 TTTT TTTT TTTT TTTT TTTT 17
RESULT 795
US-10-054-295-132
Sequence 132, Application US/10054295
Publication No. US20030044953A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030044953A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,295
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

```

; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-295-132

Query Match      0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 796
US-10-117-267-5
; Sequence 5, Application US/10117267
; Publication No. US2003045698A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Ph.D., Martin A.
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS-5039
; CURRENT APPLICATION NUMBER: US/10/117,267
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: internucleoside linkage
US-10-117-267-5

Query Match      0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 797
US-10-054-611-132
; Sequence 132, Application US/10054611
; Publication No. US20030059787A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. US20030059787A1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
```

```

; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,611
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-611-132

Query Match      0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 798
US-10-138-674-1073
; Sequence 1073, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Scinchomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEB800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1073

Query Match      0.2%; Score 17; DB 1; Length 17;
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Best Local Similarity 11.8%; Pred. No. 4.7e+02;
Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

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Qy      4462 ACTTTT TTTT TTTT TTTT 44
          || :::::::::::::::
Db      1  ACUUUUUUUUUUUUUUUU 17
```

```

RESULT 799
US-10-138-674-1074
; Sequence 1074, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138, 674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1074

```

Query Match 0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 4.7e+02;
Matches 1; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

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Qy      4463 CTTTTTTTTTTTTTTT 4479
          | ::::::::::::::::::::
Db       1 CTTTTTTTTTTTTTTT 17
```

```

RESULT 800
US-10-324-409B-16/c
; Sequence 16, Application US/103244409B
; Publication No. US200400868680A1
; GENERAL INFORMATION:
; APPLICANT: Sampson, et al.
; TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
; TITLE OF INVENTION: Secondary Structure
; FILE REFERENCE: 2003309-0028
; CURRENT APPLICATION NUMBER: US/10/324,409B
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16:
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Anneal Primer
US-10-324-409B-16

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Query Match	0.2%	Score 17;	DB 1;	Length 17;
Best Local Similarity	100.0%;	Pred. No. 4.7e+02;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	4464	TTTTTTTTTTTTTTTT	4480
Db	17	TTTTTTTTTTTTTTTT	1

RESULT 801
US-10-287-949A-1073
; Sequence 1073, Application US/10287949A

Publication No. US20040102389A1

```

1  APPLICANT: Ribozyme Pharmaceuticals, Inc.
2  APPLICANT: Pavco, Pam
3  APPLICANT: McSwiggen, Jim
4  APPLICANT: Stinchcomb, Dan
5  APPLICANT: Escobedo, Jaime
6  TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or
7  TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
8  FILE REFERENCE: MBH800-876-N (400/049)
9  CURRENT APPLICATION NUMBER: US/10/267,949A
10 CURRENT FILING DATE: 2003-04-11
11 NUMBER OF SEQ ID NOS: 20822
12 SOFTWARE: PatentIn version 3.0
13 SEQ ID NO 1073
14 LENGTH: 17
15 TYPE: RNA
16 ORGANISM: Homo sapiens
17 US-10-267-949A-1073

```

Query Match 0.24; Score 17; DB 1; Length 17;
Best Local Similarity 11.84; Pred. No. 4.7e+02;
Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

```
QY      4462 ACTTTT TTTTTT TT    4478
         || ::::::::::::::::::::
Db       1 ACUUUUUUUUUUUUUUU    17
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```

RESULT 802
US-10-287-949A-1074
: Sequence 1074, Application US/10287949A
: Publication No. US20040102389A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
: TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MEBB00-876-N (400/049)
: CURRENT APPLICATION NUMBER: US/10/287,949A
: CURRENT FILING DATE: 2003-04-11
: NUMBER OF SEQ ID NOS: 20822
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 1074
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
: US-10-287-949A-1074

```

Query Match	0.2%	Score 17;	DB 1;	Length 17;
Similarity	5.9%	Pred. No. 4.7e+02;		
Best Local				
Matches	1;	Conservative	0;	Indels 0;
				Gaps 0;

Qy	4463	CTTTTTTTTTTTTTTT	4479
		:::~::~~::~~:::	
Db	1	CUUUUUUUUUUUUUUU	17

```

RESULT 803
US-10-735-592-8
; Sequence 8, Application US/10735592
; Publication No. US2004017572A1
;
GENERAL INFORMATION:
;
APPLICANT: Art, Krieg
;
APPLICANT: Joerg, Vollmer
;
TITLE OF INVENTION: 5' CG Nucleic Acids and Methods of Use
;
PRIORITY REFERENCE: C1037.70038501
;
CURRENT APPLICATION NUMBER: US/10/735,592
;
CURRENT FILING DATE: 2003-12-11
;
NUMBER OF SEQ ID NOS: 69

```

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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-8

Query Match          0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 804
US-10-735-592-49
; Sequence 49, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: CI037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-49

Query Match          0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 0; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 UUUUUUUUUUUUUUUUU 17

RESULT 805
US-09-994-311-5
; Sequence 5, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Peng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGI 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-5
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Query Match          0.2%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4468 TTTT TTTT TTTT TTTT TTTT 4484
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 806
US-10-289-762-3717/c
; Sequence 3717, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3717
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3717

Query Match          0.2%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5990 CTTGTGTGAAGTCAGCA 6006
Db      19 CTTGTGTGAAGTCAGCA 3

RESULT 807
US-09-813-289-21/c
; Sequence 21, Application US/09813289
; Patent No. US20020061571A1
; GENERAL INFORMATION:
; APPLICANT: Mahadevan, M.S.
; APPLICANT: Tiscornia, G.
; TITLE OF INVENTION: No. US20020061571A1 isoform of myotonic dystrophy associated protein
; TITLE OF INVENTION: thereof
; FILE REFERENCE: 800.027US1
; CURRENT APPLICATION NUMBER: US/09/813,289
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,590
; PRIOR FILING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-813-289-21

Query Match          0.2%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCA 7429
Db      19 CAGCAGCAGCAGCAGCA 3

RESULT 808
US-10-655-579-50
; Sequence 50, Application US/10655579
; Publication No. US20040126789A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Park, Kyunung
; APPLICANT: Lee, Jun E.
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
; FILE REFERENCE: 0942,5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Sub-153, forward primer
; US-10-655-579-50

Query Match          0.2%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 7,3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1634 AGATTTCACAGATGCG 1650
Db      4 AGATTTCACAGATGCG 20

RESULT 809
US-09-866-108-5298
; Sequence 5298, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR APPLICATION NUMBER: US 60/234,687
```

```

; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 5298
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-5298

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8,1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      2523 CCGTTTCACAGATGAGCTCCAG 2547
Db      1 CCGCATCACAGCTGCTCAGCTCCAG 25

RESULT 810
US-09-866-108-5299
; Sequence 5299, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 5299
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-5299
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Query Match Similarity 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e-02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2524 CGTTTCACAGCAGATGAGCTTCAGA 2548
      |||||
db 1 CGCATCACAGCTGCTCAGCTCCAGA 25
      |||||

```

```

US-09-866-108-12696
; Sequence 12696, Application US/09866108
; Patent No. US20020048800a1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYO-SIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; SOFTWARE: A60MICA Sequence Listing Engine
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12696

```

Query Match	0.2%	Score 17	DB 1	Length 25
Best Local Similarity	80.0%	Pred. No.	8.1e+02	
Matches	20	Conservative	0	Mismatches 5; Indels 0; Gaps 0;
OY	7413	CAGCAGCAGCAGCAGCAGCAGCA	7437	
Db	1	CAGCTTCAGCAGCAGCTGAAGCAA	25	

```

RESULT 812
US-09-866-108-12697
/ Sequence 12697, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MTOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,667
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12697
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12697

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred.No. 8.1e+02;
Matches    20; Conservative   0; Mismatches    5; Indels      0; Gaps      0;

QY       7414 AGCAGCAGCAGCAGCAGCAGCA 7438
DB        1 AGTTTCAGCAGCAGCTGAACGAA 75

```

RESULT: 813
 US-09-866-108-13467/c
 ; Sequence 13467, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.

```

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSTIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 13467
; LENGTH: 25
; TYPR: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-13467

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1749 GCTGCGCTCATTTATTCATCTG 1773
DB      25 GCATCAGCTCATTTGCTCATCTG 1

RESULT 814
US-10-149-553-30
; Sequence 30, Application US/10149553
; Publication No. US2004007259A1
; GENERAL INFORMATION:
; APPLICANT: National Institute of Agrobiological Sciences
; APPLICANT: Bio-oriented Technology Research Advancement Insti
; TITLE OF INVENTION: bZIP TRANSCRIPTION FACTOR THAT CONTROLS EXPRESSION OF
; FILE REFERENCE: SHIMIZU-07053
; CURRENT APPLICATION NUMBER: US/10/149,553
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: JP 2000-311295
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 25
; TYPR: DNA
; ORGANISM: Artificial Sequence
```

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-149-553-30

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      58 AACGAGGCTGCGGCGGCGGCGG 82
DB      1 AACATGCGCGCGGAGGCGGCGG 25

RESULT 815
US-10-215-112-2805/c
; Sequence 2805, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2805
; LENGTH: 25
; TYPR: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-2805

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1511 GGACATGCGGCGGGAACAGTTCTA 1535
DB      25 GGAAGTTGCTGTGTAACAGTTTCA 1

RESULT 816
US-10-215-112-2931/c
; Sequence 2931, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2931
; LENGTH: 25
; TYPR: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-2931

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1511 GGACATGCGGCGGGAACAGTTCTA 1535
DB      25 GGAAGTTGCTGTGTAACAGTTTCA 1
```

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RESULT 817
US-10-098-263B-6431/c
; Sequence 6431, Application US/10098263B
; Publication No. US20030104410A1
; ORGANISM: Homo sapien
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 6431
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-6431

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3250 CTTATCAGAAAGAGACTAGATTG 3274
DB 25 CTTCGTCAAGAGAGACCAAGCTTG 1

RESULT 818
US-10-098-263B-13525/c
; Sequence 13525, Application US/10098263B
; Publication No. US20030104410A1
; ORGANISM: Homo sapien
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 13525
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-13525

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4185 GTGGTTATCGCCCAAGATGCGGTC 4209
DB 25 GTGCTCGTCGCTCCAAAGATCGGTC 1

RESULT 819
US-10-098-263B-69192/c
; Sequence 69192, Application US/10098263B
; Publication No. US20030104410A1
; ORGANISM: Homo sapien
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
```

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; SEQ ID NO 69192
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-69192

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 7101 CATAAGGAAAAATGAATTACTTT 7125
DB 25 CATAAGGAAAGAACAAATTACTT 1

RESULT 820
US-10-098-263B-74649/c
; Sequence 74649, Application US/10098263B
; Publication No. US20030104410A1
; ORGANISM: Homo sapien
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 74649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-74649

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4932 TAGGTACTCCCTTACTTTT 4956
DB 25 TAGGTACTCCCACTTACTTCTT 1

RESULT 821
US-10-098-263B-74650/c
; Sequence 74650, Application US/10098263B
; Publication No. US20030104410A1
; ORGANISM: Homo sapien
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 74650
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-74650

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4932 TAGGTACTCCCTTACTTTT 4956
DB 25 TAGGTACTCCCACTTACTTCTT 1
```

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RESULT 822
US-10-098-263B-98776
; Sequence 98776, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 98776
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-98776

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 25;
Matches 20; Conservative 0; Pred. No. 8.1e+02; Mismatches 5; Indels 0; Gaps 0;

QY 5028 GGAGGCGCTGCTGAGAGGCTTAC 5052
DB 1 GGACTCCGCTTCTGAGAGGCTTAC 25

RESULT 823
US-10-098-263B-99536/c
; Sequence 99536, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99536
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-99536

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 25;
Matches 20; Conservative 0; Pred. No. 8.1e+02; Mismatches 5; Indels 0; Gaps 0;

QY 5688 TGTACCACTGTTTCCCTTCTTTT 5712
DB 25 TGCACCTCTGTGTCTGCTGCTTTT 1

RESULT 824
US-10-098-263B-115523
; Sequence 115523, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 115523
```

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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-115523

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 25;
Matches 20; Conservative 0; Pred. No. 8.1e+02; Mismatches 5; Indels 0; Gaps 0;

QY 6605 ACCTTCTTCCCATCAGGTGAGA 6629
DB 1 ACTTATTTCTCTCCTCAGGTGAGA 25

RESULT 825
US-10-098-263B-126854/c
; Sequence 126854, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 126854
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-126854

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 25;
Matches 20; Conservative 0; Pred. No. 8.1e+02; Mismatches 5; Indels 0; Gaps 0;

QY 2265 CATTGCGATGCTGATCAATCTG 2289
DB 25 CATTGCGATGATGATGATCAATCTG 1

RESULT 826
US-10-098-263B-131013
; Sequence 131013, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 131013
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-131013

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 25;
Matches 20; Conservative 0; Pred. No. 8.1e+02; Mismatches 5; Indels 0; Gaps 0;

QY 7056 AAGTAAAGACGCTCTTGAATGCAC 7080
DB 1 AAGTAAAGACGCTCTTGAATGCAC 25

RESULT 827
```

```
US-10-098-263B-131014
; Sequence 131014, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 131014
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-131014

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7056 AAGTAAAGACATTTGTGAATGCAC 7080
DB      1 AAGTAAAGACGTCTTGAACAC 25

RESULT 828
US-10-061-201-2277
; Sequence 2277, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-2277

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828 CCTGCATGTGAAGATGATGCTC 852
DB      1 CCTACCATGTGACGCTGCTCTC 25
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RESULT 829
US-10-621-758A-50/c
; Sequence 50, Application US/10621758A
; Publication No. US20040093629A1
; GENERAL INFORMATION:
; APPLICANT: Altmann, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Murgolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K-US
; CURRENT APPLICATION NUMBER: US/10/621,758A
; CURRENT FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-621-758A-50

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1869 GACCTCAGCTGCTGTCAC 1893
DB      25 GAATTCACGACAGCCCTGTGAAC 1

RESULT 830
US-10-717-597-4285
; Sequence 4285, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AML01080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4285

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      3071 ACCATACACAGAGTCTCATGTG 3095
DB      1 ACATTACAGCAGAGTCTCATATG 25
```


RESULT 831
US-10-663-208A-50/c
; Sequence 50, Application US/10663208A
; Publication No. US20040132058A1
; GENERAL INFORMATION:
; APPLICANT: Altmann, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: J801603K2 US
; CURRENT APPLICATION NUMBER: US/10/663,208A
; PRIORITY FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 10/621,758
; PRIOR FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 10/646,301
; PRIOR FILING DATE: 2003-08-22
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-663-208A-50

Query Match 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 1869 GACCTCAGCTGAGCTGTGCTGAC 1893
Db 25 GAACTCAGCAGACCTGTGAGAC 1
RESULT 832
US-10-646-301A-50/c
; Sequence 50, Application US/10646301A
; Publication No. US20040137467A1
; GENERAL INFORMATION:
; APPLICANT: Altmann, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Murgolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: J801603-K1-US
; CURRENT APPLICATION NUMBER: US/10/646,301A
; PRIORITY FILING DATE: 2003-08-22
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 10/621,758
; PRIOR FILING DATE: 2003-07-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-646-301A-50

Query Match 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 1869 GACCTCAGCTGAGCTGTGCTGAC 1893
Db 25 GAACTCAGCAGACCTGTGAGAC 1

RESULT 833
US-10-723-361-5298
; Sequence 5298, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MTOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIORITY FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5298
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-5298

Query Match 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 2523 CCGTTTCAGCAGATGAGCTCCAG 2547
Db 1 CCGATCAGCAGCTGCTCAGCTCCAG 25

RESULT 834
US-10-723-361-5299
; Sequence 5299, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MTOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIORITY FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SEQ ID NO 5299
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-5299

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      2524 CGTTTCAGCAGCATGAGCTCCACA 2548
DB      1 CGCATCAGAGCTGCTCAGCTCCACA 25

RESULT 835
US-10-723-361-12696
; Sequence 12696, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

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; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12696

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7437
DB      1 CAGCTTCAGCAGCAGCTGAAGCAAA 25

RESULT 836
US-10-723-361-12697
; Sequence 12697, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12697

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCAGCAAA 7438
DB      1 AGCTTCAGCAGCAGCTGAAGCAAA 25

RESULT 837
US-10-723-361-13467/c
```

```
Sequence 13467, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13467
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13467

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1749 GCTGACGCTATTATTCATCTG 1773
DB 25 GCATCAGCTCATTCAGTCATCTG 1

RESULT 838
US-10-736-769-50/C
; Sequence 50, Application US/10736769
; Publication No. US20040161838A1
; GENERAL INFORMATION:
; APPLICANT: Altmann, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Muzigolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K3-US
; CURRENT APPLICATION NUMBER: US/10/736,769
; CURRENT FILING DATE: 2003-12-16
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 10/621,758
; PRIOR FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 10/646,301
; PRIOR FILING DATE: 2003-08-22
; PRIOR APPLICATION NUMBER: 10/663,208
; PRIOR FILING DATE: 2003-09-16
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NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURES:
; OTHER INFORMATION: primer
US-10-736-769-50

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1869 GACCTCACCTCAGACTGTTCAC 1893
DB 25 GAACCTCACACAGACCTGTGAAAC 1

RESULT 839
US-10-775-169-3060
; Sequence 3060, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeich
; APPLICANT: Butczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-3060

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5778 GCTGCTGCTGCTGCTGCTGCTG 5802
DB 1 GCTGCTGCTGCTGCTGCTGCTGCTG 25

RESULT 840
US-10-775-169-4185
; Sequence 4185, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeich
; APPLICANT: Butczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4185
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4185

Query Match          0.2%; Score 17; DB 1; Length 25;
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Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5463 CTTACTCTGATTTTGTAAAG 5487
Db 1 CTTACTTGATCTGTGTCAATAG 25

RESULT 841

US-09-935-247-10
; Sequence 10, Application US/09935247
; Patent No. US20020103153A1
; GENERAL INFORMATION:

APPLICANT: Re, Richard N.

COOK, Julia

TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
P53 PROTEIN

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:

ADDRESSEE: SCHULZ, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza

CITY: Garden City

STATE: New York

COUNTRY: USA

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/935,247

FILING DATE: 22-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/266,065

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Digiglio, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 85152Y

TELECOMMUNICATION INFORMATION:

TELEPHONE: (516) 742-4343

TELEFAX: (516) 742-4366

TELEX: 230 901 SAMS UR

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 10:

US-09-935-247-10

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4463 CTTTCTTTCTTTTCTTCT 4487
Db 2 CTTTCTTTCTTTTCTTCTTCT 26

RESULT 842

US-09-563-728A-2

; Sequence 2, Application US/09563728A

; Publication No. US20030078216A1

; GENERAL INFORMATION:

APPLICANT: Macleod, Alan R

APPLICANT: Li, Zoumei

APPLICANT: Besterman, Jeffrey M

TITLE OF INVENTION: Inhibition of Histone Deacetylase

FILE REFERENCE: 106101.229

CURRENT APPLICATION NUMBER: US/09/563,728A

CURRENT FILING DATE: 2000-05-03

PRIOR APPLICATION NUMBER: 60/132,287

PRIOR FILING DATE: 1999-05-03

NUMBER OF SEQ ID NOS: 36

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 2

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: synthetic

US-09-563-728A-2

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5574 CAGCAGCTTGGCTCATGCGATT 5598
Db 1 CAGCAGATTATGGTCATGCGATT 25

RESULT 843

US-09-563-728A-3

; Sequence 3, Application US/09563728A

; Publication No. US20030078216A1

; GENERAL INFORMATION:

APPLICANT: Macleod, Alan R

APPLICANT: Li, Zoumei

APPLICANT: Besterman, Jeffrey M

TITLE OF INVENTION: Inhibition of Histone Deacetylase

FILE REFERENCE: 106101.229

CURRENT APPLICATION NUMBER: US/09/563,728A

CURRENT FILING DATE: 2000-05-03

PRIOR APPLICATION NUMBER: 60/132,287

PRIOR FILING DATE: 1999-05-03

NUMBER OF SEQ ID NOS: 36

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 3

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: synthetic

US-09-563-728A-3

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5574 CAGCAGCTTGGCTCATGCGATT 5598
Db 1 CAGCAGATTATGGTCATGCGATT 25

RESULT 844

US-09-563-728A-11

; Sequence 11, Application US/09563728A

; Publication No. US20030078216A1

; GENERAL INFORMATION:

APPLICANT: Macleod, Alan R

APPLICANT: Li, Zoumei

TITLE OF INVENTION: Inhibition of Histone Deacetylase

FILE REFERENCE: 106101.229

CURRENT APPLICATION NUMBER: US/09/563,728A

CURRENT FILING DATE: 2000-05-03

PRIOR APPLICATION NUMBER: 60/132,287

PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 11
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: 1-4 and 23-26 are modified
OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose
OTHER INFORMATION: substituted nucleotides; positions 5-22 are
OTHER INFORMATION: deoxyribonucleotides
US-09-563-728A-11

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 5574 CAGCAAGCTTGGCTCATGTGATT 5598
Db 1 CAGCAAGTATGAGTCATGCGGAU 25

RESULT 845
US-09-563-728A-12
Sequence 12, Application US/09563728A
Publication No. US20030078216A1
GENERAL INFORMATION:
APPLICANT: Macleod, Alan R
APPLICANT: Li, Zoumei
TITLE OF INVENTION: Inhibition of Histone Deacetylase
FILE REFERENCE: 106101.229
CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 12
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: modified_base
LOCATION: 1-4 and 23-26 are modified
OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose
OTHER INFORMATION: substituted nucleotides; positions 5-22 are
OTHER INFORMATION: deoxyribonucleotides
US-09-563-728A-12

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 5574 CAGCAAGCTTGGCTCATGTGATT 5598
Db 1 CAGCAAGTATGAGTCATGCGGAU 25

RESULT 846
US-10-085-906-3
Sequence 3, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-3

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTTTTCTTT 4488
Db 1 TTTTCTTTTCTTTTCTTTTCTTT 25

RESULT 847
US-10-085-906-144
Sequence 144, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 144
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-144

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTTTTCTTT 4488
Db 2 TTTTCTTTTCTTTTCTTTTCTTT 26

RESULT 848
US-10-145-493B-82
Sequence 82, Application US/10145493B
Publication No. US20030096777A1
GENERAL INFORMATION:
APPLICANT: Besterman, Jeffrey
APPLICANT: Macleod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
FILE REFERENCE: MET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692

```

; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 82
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-82

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      5574 CAGCAAGCTTGGCTCATGTGAT 5598
Db       1 CAGCAATTATGGCTCATGCGANU 25

RESULT 849
US-10-145-493B-83
; Sequence 83, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Beesterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 83
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-83

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      5574 CAGCAAGCTTGGCTCATGTGAT 5598
Db       1 CAGCAAGTATGACTCATGCGANU 25

RESULT 850
US-10-353-461-12
; Sequence 12, Application US/10353461
; Publication No. US2003017682A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Internuiversitair Instituut voor Biotechnol
; TITLE OF INVENTION: Molecular characterisation of chromosome translocation
; TITLE OF INVENTION: t(11;18)(q21;q21) and its correlation to
; FILE REFERENCE: PMA/MALT/V043
; CURRENT APPLICATION NUMBER: US/10/353,461
; CURRENT FILING DATE: 2003-01-26
; PRIOR APPLICATION NUMBER: US/09/579,692
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/138,834
; PRIOR FILING DATE: 1999-06-09
```

```

; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: exon no 2 - 3' end of the intron-exon boundary of
; OTHER INFORMATION: the human MLT gene
US-10-353-461-12

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      6465 TTTTTCCTGTTGTGTAATAGG 6489
Db       2 TTTTTCCTGTTGTGTAATAGG 26

RESULT 851
US-09-891-517-10/c
; Sequence 10, Application US/09891517
; Patent No. US2002010653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: METHOD
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-10

Query Match          0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAAATAATGT 4042
Db       29 AAAAAAAAAAGAAAAAAATAAT 5

RESULT 852
US-09-891-517-12/c
; Sequence 12, Application US/09891517
; Patent No. US2002010653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
```

```

; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-12
```

```
Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29 AAAAAAAAAAGAAAAAAATAT 5
```

```

RESULT 853
US-10-683-386-10/c
; Sequence 10, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOSYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10
```

```
Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29 AAAAAAAAAAGAAAAAAATAT 5
```

```

RESULT 854
US-10-683-386-12/c
; Sequence 12, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOSYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-12
```

```
Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29 AAAAAAAAAAGAAAAAAATAT 5
```

```

RESULT 855
US-10-209-608-10/c
; Sequence 10, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOSYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
```

```
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-10

Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAACAAATGT 4042
      29 AAAAAAAAAAGAGAAAAAAAAATAT 5

RESULT 856
US-10-209-608-12/C
; Sequence 12, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOKOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953US0XDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-12

Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAACAAATGT 4042
      29 AAAAAAAAAAGAGAAAAAAAAATAT 5

RESULT 857
US-10-219-195-34/C
; Sequence 34, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 39
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-219-195-34

Query Match      0.2%; Score 17; DB 1; Length 39;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4015 ATGAGAAAAAGAGAGAAACAAA 4039
      33 AAGAGAAAAAAAAAAAAAAAAAAAAA 9

RESULT 858
US-09-861-893-15/C
; Sequence 15, Application US/09861893
; Patent No. US20020045257A1
; GENERAL INFORMATION:
; APPLICANT: Feinberg, Andrew
; APPLICANT: Stichman-Almashanu, Liora
; APPLICANT: Jiang, Shan
; TITLE OF INVENTION: METHODS FOR ASSAYING GENE IMPRINTING AND
; TITLE OF INVENTION: METHYLATED CpG ISLANDS
; FILE REFERENCE: 01107.00128
; CURRENT APPLICATION NUMBER: US/09/861,893
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/206,158
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: 60/206,161
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PaetSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-861-893-15

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCA 7432
      20 CAGTACGACCAACAGCAGCA 1

RESULT 859
US-09-263-959-849/C
; Sequence 849, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```


APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 849:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-849

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483
DB 20 TTTTCTTTTCTTTTCTTTT 1

RESULT 860
US-09-948-002-35
Sequence 35, Application US/09948002
Publication No. US20030050265A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
FACTOR BETA EXPRESSION
FILE REFERENCE: ISPH-0607
CURRENT APPLICATION NUMBER: US/09/948,002
CURRENT FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 09/661,753
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-948-002-35

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7434
DB 1 GTAGCAGCAGCAGCAGCAGC 20

RESULT 861
US-09-967-669-61/c
Sequence 61, Application US/09967669
Publication No. US20030092650A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
FILE REFERENCE: RTS-0259
CURRENT APPLICATION NUMBER: US/09/967,669
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 90

SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-61

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4680 CTATCTGATCTGTGTATGA 4699
DB 20 CTATCTGGGCTGTGTATGA 1

RESULT 862
US-10-633-163-35
Sequence 35, Application US/10633163
Publication No. US20040063655A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
FACTOR BETA EXPRESSION
FILE REFERENCE: ISPH-0607
CURRENT APPLICATION NUMBER: US/10/633,163
CURRENT FILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: US/09/948,002
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 09/661,753
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-163-35

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7434
DB 1 GTAGCAGCAGCAGCAGCAGC 20

RESULT 863
US-10-032-585-4518/c
Sequence 4518, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jjiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4518
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-4518

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7410 CATCAGCAGCAGCAGCAGCA 7429
Db 20 CATCAGCTTCAGCAGCAGCA 1

RESULT 864
US-10-104-047-4082
; Sequence 4082, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4082
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially
US-10-104-047-4082

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3443 CCACTTACTTCTCTCCCT 3462
Db 1 CCACTTATTCTCTCTCCCT 20

RESULT 865
US-10-688-706-1916
; Sequence 1916, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1916
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1916

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6972 GAGCTAAACAAACAGAA 6991
Db 1 GATTAAACAAACAGAA 20

RESULT 866
US-10-688-706-2451
; Sequence 2451, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2451
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2451

Query Match 0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6971 TGAGCTAAACAAACAGAA 6990
Db 1 TGATTAAACAAACAGAA 20

RESULT 867
US-09-912-609-122
; Sequence 122, Application US/09912609
; Publication No. US20020041898A1
; GENERAL INFORMATION:
; APPLICANT: UNGER, EVAN C.
; APPLICANT: MATSUNAGA, TERRY ONICHI
; APPLICANT: RAMASWAMI, VARADARAJAN
; APPLICANT: ROMANOWSKI, MAREK J.
; TITLE OF INVENTION: NOVEL TARGETED DELIVERY SYSTEMS FOR BIOACTIVE AGENTS
; FILE REFERENCE: 5030-0001.24
; CURRENT APPLICATION NUMBER: US/09/912,609
; CURRENT FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: 09/703,474
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 09/478,124
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-912-609-122

Query Match 0.2%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3627 GGGGCTGGAGAGAGCTAG 3646
Db 1 GGGGCTGGAGAGAGATAG 20

RESULT 868
US-10-418-182-132
; Sequence 132, Application US/10418182

```
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-132
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGCA 7432
Db      1 CAGCAGCAACAGCAGCAACA 20
```

```
RESULT 869
US-09-952-464A-30
; Sequence 30, Application US/09952464A
; Publication No. US20030077587A1
; GENERAL INFORMATION:
; APPLICANT: Stone, Edwin M.
; APPLICANT: Sheffield, Val C.
; APPLICANT: Alward, Wallace L.M.
; TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
; FILE REFERENCE: 21087.0017U11
; CURRENT APPLICATION NUMBER: US/09/952,464A
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/473,273
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 09/461,542
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: 09/366,952
; PRIOR FILING DATE: 1999-08-04
; PRIOR APPLICATION NUMBER: 09/056,285
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: 08/822,999
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence; No. US20030077587A1e =
US-09-952-464A-30
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```
Query Match          0.2%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 7.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5597 TTGCTTTAAGTGTGCTTC 5616
Db      2 TATGATTAAAGTGTGCTTC 21
```

```
RESULT 870
US-09-898-200-17
```

```
; Sequence 17, Application US/09898200
; Publication No. US20030195162A1
; GENERAL INFORMATION:
; APPLICANT: Daniel H. Cohn
; APPLICANT: Muhammad Faiyaz ul Haque
; APPLICANT: Lily M. King
; APPLICANT: Deborah Krakow
; TITLE OF INVENTION: GENETIC MARKER FOR
; TITLE OF INVENTION: SPONDYLOEPHIMETAPHYSAL DYSPLASIA
; FILE REFERENCE: 18810-81553
; CURRENT APPLICATION NUMBER: US/09/898,200
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 09/399,212
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-200-17
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 7.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1012 GTCACCCACTGTGACAGAT 1031
Db      1 GTCACCTCAGCTGTGACAAAT 20
```

```
RESULT 871
US-10-030-132-7
; Sequence 7, Application US/10030132
; Publication No. US20030124684A1
; GENERAL INFORMATION:
; APPLICANT: NISHIUCHI, HIROAKI
; APPLICANT: SANO, KOICHIRO
; APPLICANT: SUGIMOTO, RIKKO
; APPLICANT: UEDA, YOICHI
; TITLE OF INVENTION: METHOD FOR PRODUCING GAMMA-GLUTAMYL-CYSTEINE
; FILE REFERENCE: 218070USOPCT
; CURRENT APPLICATION NUMBER: US/10/030,132
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: JP 2000-155121
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: PCT/JP01/04366
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic DNA
US-10-030-132-7
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 7.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6964 GAAGGAATGAGCTAAAAACA 6983
Db      2 GAAGGAATGAGCTAAAAACA 21
```

```
RESULT 872
US-10-309-775A-10
; Sequence 10, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
```

```

1  TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
2
3  FILE REFERENCE: 2901/0m37
4
5  CURRENT APPLICATION NUMBER: US/10/309,775A
6
7  CURRENT FILING DATE: 2002-12-04
8
9  PRIOR APPLICATION NUMBER: CA 2,388,049
10
11 PRIOR FILING DATE: 2002-05-30
12
13 NUMBER OF SEQ ID NOS: 74
14
15 SOFTWARE: PatentIn version 3.1
16
17 SEQ ID NO 10
18
19 LENGTH: 24
20
21 TYPE: DNA
22
23 ORGANISM: Artificial Sequence
24
25 FEATURE:
26
27 OTHER INFORMATION: PCR primer
28
29 US-10-309-775A-10

```

Query Match	0.2%	Score 16.8;	DB 1;	length 24;
Best Local Similarity	90.0%;	Pred. No. 8.3e+02;		
Matches 18; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	4469	TTTTTTTTTTTTTTTGGCTT	4488
Db	4	TTTTTTTGGTTTTCAT	23

```

RESULT 873 775A-22
; Sequence 22, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M337
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-10-309-775A-22

```

Query Match	0.2%	Score 16.8;	DB 1;	Length 24;
Best Local Similarity	90.0%	Pred. No. 8.3e+02;		
Matches 18;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

[illegible]

```

1  RESULT 874
2  US-09-866-108-13913
3  ; Sequence 13913, Application US/09866108
4  ; Patent No. US20020048600A1
5  ; GENERAL INFORMATION:
6  ; APPLICANT: GU, Yizhong
7  ; APPLICANT: JI, Yonggang
8  ; APPLICANT: PENN, Sharon G.
9  ; APPLICANT: HANZEL, David K.
10 ; APPLICANT: RANK, David R.
11 ; APPLICANT: CHEN, Wensheng
12 ; APPLICANT: SHANNON, Mark
13 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
14 ; FILE REFERENCE: A60MCA-7
15 ; CURRENT APPLICATION NUMBER: US/09/866,108
16 ; CURRENT FILING DATE: 2001-05-25
17 ; PRIORITY APPLICATION NUMBER: US 60/207,456

```

```

? PRIOR FILING DATE: 2000-05-26
? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 60/236,359
? PRIOR FILING DATE: 2000-09-27
? PRIOR APPLICATION NUMBER: PCT/US01/00666
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00664
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00669
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00665
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00668
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00663
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00662
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00661
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00670
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: US 60/234,687
? PRIOR FILING DATE: 2000-09-21
? PRIOR APPLICATION NUMBER: US 60/266,860
? PRIOR FILING DATE: 2001-02-05
? NUMBER OF SEQ ID NOS: 15752
? SOFTWARE: Seqma Sequence Listing Engine
? SEQ ID NO 13913
? LENGTH: 25
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-866-108-13913

```

Query Match	0.2%;	Score 16.8;	DB 1;	length 25;
Best Local Similarity	90.0%;	Pred. No. 8.7e+02;		
Matches 18;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

```

QY      5546 GTGCATGCAGATGGAGAAGT 5565
          |||||
Db      1 GTGCATGCAGCTGGAGAAGT 20

```

```

RESULT 875
US-09-839-894-23/c
; Sequence 23, Application US/09839894
; Patent No. US2002017668A1
; GENERAL INFORMATION:
; APPLICANT: Alboum, Zeev
; APPLICANT: Barry, Bileen M.
; APPLICANT: Levine, Myron M.
; TITLE OF INVENTION: Isolation of Maryland
; TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF THE
; FILE REFERENCE: US/09/006A
; CURRENT APPLICATION NUMBER: US/09/839,894
; CURRENT FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 60/198,626
; PRIOR FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-839-894-23

```

Query Match 0.2%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2970 CCAGAAATCTCTGATATCA 2989
Db 25 CCAGATATCTCAGATATCA 6

RESULT 876
US-10-176-055-8
; Sequence 8, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Complementary
; FEATURE:
; OTHER INFORMATION: probe
; OTHER INFORMATION: Complementary probe that binds specifically to
; OTHER INFORMATION: target sequence
US-10-176-055-8

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4461 GACCTTTTTTTTTTTTTT 4480
Db 3 GAGTTTTTTTTTTTTTCT 22

RESULT 877
US-10-215-112-5023/C
; Sequence 5023, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltman
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5023
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-5023

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 836 TGTGGAAGATGATGCTCAAC 855
Db 25 TGTGGAAGATGTTGCTCGAC 6

RESULT 878
US-10-215-112-5145/C
; Sequence 5145, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltman
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5145
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-5145

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 836 TGTGGAAGATGATGCTCAAC 855
Db 24 TATGGAAGATGATGCTTAC 5

RESULT 879
US-10-098-263B-19403
; Sequence 19403, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 19403
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-19403

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7203 GGTTCACCTTACTTCTA 7222
Db 4 GATTCAGCTTAGTTCTA 23

RESULT 880
US-10-098-263B-24333
; Sequence 24333, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

```

; SEQ ID NO 24333
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-24333

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3098 TCACAGTGTCTAAGACTCAT 3117
Db      1 TCACAGTCTTAAGACCCAT 20

RESULT 881
US-10-098-263B-46324/C
; Sequence 46324, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 46324
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-46324

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1650 GGGGATCCCTATCCAGGATC 1669
Db      24 GGGGATCCCTTTCAGGATC 5

RESULT 882
US-10-098-263B-49701
; Sequence 49701, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 49701
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-49701

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6612 TTCCCATCAGGGTAGAAAA 6631
Db      4 TTCTCTCTCAGGGTAGAAAA 23

RESULT 883
US-10-098-263B-58341
; Sequence 58341, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 58341
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-58341

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3093 GTGACTCAGAGTCTAAGA 3112
Db      2 GTGACCCAGTCTTAAGA 21

RESULT 884
US-10-098-263B-108052
; Sequence 108052, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 108052
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-108052

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2944 ACAGGGCCAGCAAGACAGAC 2963
Db      4 ACAGGCTCTGCAAGACAGAC 23

RESULT 885
US-10-374-686-1
; Sequence 1, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libchaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; PRIOR FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
```

```
;; PRIOR APPLICATION NUMBER: 60/228728
;; PRIOR FILING DATE: 2000-08-29
;; PRIOR APPLICATION NUMBER: 60/280350
;; PRIOR FILING DATE: 2001-03-30
;; NUMBER OF SEQ ID NOS: 6
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 1
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: synthetic
US-10-374-686-1
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4461 GACCTTTTCTTTTCTTTTCTT 4480
DB      3 GAGTTTCTTTTCTTTTCTTCT 22
```

```
RESULT 886
US-10-374-686-6
; Sequence 6, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libhaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: 25
; OTHER INFORMATION: n = A,T,C or G
US-10-374-686-6
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4461 GACCTTTTCTTTTCTTTTCTT 4480
DB      3 GAGTTTCTTTTCTTTTCTTCT 22
```

```
RESULT 887
US-10-717-597-1361
; Sequence 1361, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
```

```
;; APPLICANT: Dornier, Andrew J.
;; APPLICANT: Trepicchio, William L.
;; APPLICANT: Stonim, Donna K.
;; APPLICANT: Stever, Jennifer A.
;; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
;; FILE REFERENCE: AM101080L
;; CURRENT APPLICATION NUMBER: US/10/717,597
;; CURRENT FILING DATE: 2003-11-21
;; PRIOR APPLICATION NUMBER: US 60/459,782
;; PRIOR FILING DATE: 2003-04-03
;; PRIOR APPLICATION NUMBER: US 60/427,982
;; PRIOR FILING DATE: 2002-11-21
;; NUMBER OF SEQ ID NOS: 4904
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 1361
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-717-597-1361
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6780 TTTACTATTGGCCTTCTA 6799
DB      6 TTTACTATTGGCCTTCTCA 25
```

```
RESULT 888
US-10-723-361-13913
; Sequence 13913, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13913
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13913
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5546 GTGCATGCAGATGAGAGAGT 5565
Db      1 GTGCATGCAGCTGGAGAGAGT 20

RESULT 889
US-10-775-169-1117
; Sequence 1117, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1117
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-1117

Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3828 GCCCTGACCTTTCACCTTA 3847
Db      2 GCCCAGGCCATTCACCTTA 21

RESULT 890
US-09-880-727-10
; Sequence 10, Application US/09880727
; Publication No. US20030064364A1
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; APPLICANT: Chee, Mark
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chaogiang, Lai
; APPLICANT: Modicka, Lisa
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Lee, Danny
; APPLICANT: Tran, Huu M.
; APPLICANT: Mateuzaki, Hajime
; APPLICANT: Mcgall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/880,727
; FILING DATE: 13-Jun-2001
```

```
CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/882,649
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-0194100S
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:

US-09-880-727-10

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAGAAAAAGAAAAAGAAAAAGAAA 28

RESULT 891
US-10-314-578-1094/C
; Sequence 1094, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schelter, Christian
; APPLICANT: Volmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1094
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1094

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      30 AAAAAGAAAAAGAAAAAGAAAAAGAAA 3
```



```
/ CURRENT APPLICATION NUMBER: US/10/472,055
/ CURRENT FILING DATE: 2003-09-15
/ NUMBER OF SEQ ID NOS: 2
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 2
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-472-055-2

Query Match          0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 897
US-10-371-600-2/c
/ Sequence 2, Application US/10371600
/ Publication No. US20030180776A1
/ GENERAL INFORMATION:
/ APPLICANT: WU, MING
/ TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
/ FILE REFERENCE: 3817.10-2
/ CURRENT APPLICATION NUMBER: US/10/371,600
/ CURRENT FILING DATE: 2003-05-19,223
/ PRIOR APPLICATION NUMBER: 60/359,223
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: 60/379,360
/ PRIOR FILING DATE: 2002-05-08
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 2
/ LENGTH: 32
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-2

Query Match          0.2%; Score 16.8; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 AAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 898
US-10-371-600-9
/ Sequence 9, Application US/10371600
/ Publication No. US20030180776A1
/ GENERAL INFORMATION:
/ APPLICANT: WU, MING
/ APPLICANT: ULLMAN, EDWIN F.
/ TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
/ FILE REFERENCE: 3817.10-2
/ CURRENT APPLICATION NUMBER: US/10/371,600
/ CURRENT FILING DATE: 2003-05-19
/ PRIOR APPLICATION NUMBER: 60/359,223
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: 60/379,360
/ PRIOR FILING DATE: 2002-05-08
/ NUMBER OF SEQ ID NOS: 14
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/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 9
/ LENGTH: 32
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-9

Query Match          0.2%; Score 16.8; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 899
US-10-371-600-10/c
/ Sequence 10, Application US/10371600
/ Publication No. US20030180776A1
/ GENERAL INFORMATION:
/ APPLICANT: WU, MING
/ APPLICANT: ULLMAN, EDWIN F.
/ TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
/ FILE REFERENCE: 3817.10-2
/ CURRENT APPLICATION NUMBER: US/10/371,600
/ CURRENT FILING DATE: 2003-05-19
/ PRIOR APPLICATION NUMBER: 60/359,223
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: 60/379,360
/ PRIOR FILING DATE: 2002-05-08
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 10
/ LENGTH: 32
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-10

Query Match          0.2%; Score 16.8; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 AAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 900
US-10-418-182-55
/ Sequence 55, Application US/10418182
/ Publication No. US20030228302A1
/ GENERAL INFORMATION:
/ APPLICANT: Crea, Roberto
/ TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
/ FILE REFERENCE: 1551.2001-001
/ CURRENT APPLICATION NUMBER: US/10/418,182
/ CURRENT FILING DATE: 2003-04-16
/ PRIOR APPLICATION NUMBER: 60/373,558
/ PRIOR FILING DATE: 2002-04-17
/ NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 55
/ LENGTH: 36
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

OTHER INFORMATION: oligonucleotide
US-10-418-182-55

Query Match 0.2%; Score 16.6; DB 1; Length 36;
Best Local Similarity 66.7%; Pred. No. 1.3e+03;
Matches 24; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 32 GTGCTGCGAGGCTCCGCGCGCGCAACGAGGCT 67
Db 1 GGTGCTGCTGCCGCTGCCGCTGCTGCTGCTGCT 36

RESULT 901
US-09-949-427-93/c
Sequence 93, Application US/09949427
Publication No. US20030054418A1

GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Anubindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusis, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Taturl, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014.NPUS02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 93
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-427-93

Query Match 0.2%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 8.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5800 CTGCTGCTGCTGCTGCTATG 5822
Db 23 CTGCTGCTGCTGCTATCTTTTG 1

RESULT 902
US-09-949-428-93/c

Sequence 93, Application US/09949428
Publication No. US20030064372A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Anubindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusis, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Taturl, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
FILE REFERENCE: 02810.0014.NPUS01
CURRENT APPLICATION NUMBER: US/09/949,428
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1

SEQ ID NO 93
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-428-93

Query Match 0.2%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 8.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5800 CTGCTGCTGCTGCTGCTATG 5822
Db 23 CTGCTGCTGCTGCTATCTTTTG 1

RESULT 903
US-10-100-082-5/c
Sequence 5, Application US/10100082
Publication No. US20030165479A1
GENERAL INFORMATION:
APPLICANT: Cellular Genomics, Inc.
APPLICANT: VELLECA, Mark A.
TITLE OF INVENTION: Methods for Isolating Proteins Expressed by Dendritic Cells
FILE REFERENCE: 051538-5003US
CURRENT APPLICATION NUMBER: US/10/100,082
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: US 60/276,474
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: PCR Primer Sequence
US-10-100-082-5

Query Match 0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 8.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3280 GAAGAAAATGAACACGACCCA 3302
Db 23 GAAGAAAATGTTCCGACGCCA 1

RESULT 904
US-10-309-775A-4
Sequence 4, Application US/10309775A
Publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-309-775A-4

Query Match 0.2%; Score 16.6; DB 1; Length 24;

Best Local Similarity 82.6%; Pred. No. 8.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4466 TTTTCTTTTCTTTTCTT 4488
Db 1 TCTCTTTTGTCTTTTGTCTT 23

RESULT 905

US-10-670-015-1
; Sequence 1, Application US/10670015
; Publication No. US20040180355A1
; GENERAL INFORMATION:
; APPLICANT: Alvarado, Gabriel
; TITLE OF INVENTION: Compositions and Methods for the Use of Fmoc Derivatives in
; FILE REFERENCE: SYNGEN-08259
; CURRENT APPLICATION NUMBER: US/10/670,015
; CURRENT FILING DATE: 2003-09-24
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-670-015-1

Query Match 0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 8.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5773 GCGCGGCTGCTGCTGCTGC 5795
Db 2 GCGCGGCGGCGGCGGCGGCGC 24

RESULT 906

US-10-670-015-1/c
; Sequence 1, Application US/10670015
; Publication No. US20040180355A1
; GENERAL INFORMATION:
; APPLICANT: Alvarado, Gabriel
; TITLE OF INVENTION: Compositions and Methods for the Use of Fmoc Derivatives in
; FILE REFERENCE: SYNGEN-08259
; CURRENT APPLICATION NUMBER: US/10/670,015
; CURRENT FILING DATE: 2003-09-24
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-670-015-1

Query Match 0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 8.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5770 GCTGCGGCGCTGCTGCTGCC 5792
Db 24 GCGCGGCGGCGGCGGCGGCGC 2

RESULT 907

US-09-866-108-3233/c
; Sequence 3233, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3233
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-3233

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4298 GCATCTTTTCTTCTTCCCTGGAC 4320
Db 25 GCCTCTTTTCACTCCCGCGAC 3

RESULT 908

US-09-866-108-3234/c
; Sequence 3234, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108

```

; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-3234

Query Match      0.2% Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4298 GCATCTTTTCCTTCCTCCCTGGAC 4320
Db      24 GCCTCTTTTCAGTCCCGGAC 2
```

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RESULT 909
US-09-866-108-3235/c
; Sequence 3235, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3235
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-3235
```

```

Query Match      0.2% Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4298 GCATCTTTTCCTTCCTCCCTGGAC 4320
Db      23 GCCTCTTTTCAGTCCCGGAC 1
```

```

RESULT 910
US-09-866-108-4407/c
; Sequence 4407, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4407
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4407
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Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      5766 GCTTGCTGCGCGCCTGCTGCC 5788
          |||||
Db       25 GCTTCTGCGCGCAGCTCTCTCC 3
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RESULT 911
US-09-866-108-4408/c
; Sequence 4408, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
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; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4408
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```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      5766 GCTTGCTGCGCGCCTGCTGCC 5788
          |||||
Db       24 GCTTCTGCGCGCAGCTCTCTCC 2
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RESULT 912
US-09-866-108-4409/c
; Sequence 4409, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4409
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```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
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Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5766 GCTTGCTGCGCGCTGCTGCC 5788
Db 23 GCTTCTGCGCGCTGCTGCC 1

RESULT 913
US-09-866-108-5201
; Sequence 5201, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5201
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-5201

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4319 ACTGTCTCTGACCTTTGGCTC 4341
Db 3 ACTGTCTCTGCGCGCTTGGCTC 25

RESULT 914
US-09-866-108-5202

; Sequence 5202, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5202
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-5202

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4319 ACTGTCTCTGACCTTTGGCTC 4341
Db 2 ACTGTCTCTGCGCGCTTGGCTC 24

RESULT 915
US-09-866-108-5203
; Sequence 5203, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark

```

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 5203
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-5203

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4319 ACTGTCTCTGACCCCTTGCTC 4341
Db      1 ACTGTCTCTCGGCGCTTCGGCTC 23

RESULT 916
US-09-866-108-12694
; Sequence 12694, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-12694

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7407 CAACATCAGCAGCAGCAGCA 7429
Db      3 CACCTTCAGCAGCAGCTGAAGCA 25

RESULT 917
US-09-866-108-12695
; Sequence 12695, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 12695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12695

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CACATCAGCAGCAGCAGCAGCA 7429
DB      2 CAGCTTGCAGCAGCAGCTGACAGCA 24

RESULT 918
US-09-951-843-10
; Sequence 10, Application US/09951843
; Patent No. US20020168378A1
; GENERAL INFORMATION:
; APPLICANT: Fresnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11D1
; CURRENT APPLICATION NUMBER: US/09/951,843
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/528,760
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-951-843-10

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1921 GATGCAATTAACAATCTAGT 1943
DB      2 GGTAGCAATTAACAATCTAGT 24

RESULT 919
US-10-060-756A-3679
; Sequence 3679, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
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; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3680

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4040 TGTATTTTATACATCACTTG 4062
DB      3 TGTATTTTATACATCACTG 25

RESULT 920
US-10-060-756A-3680
; Sequence 3680, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3680

Query Match          0.2%; Score 16.6; DB 1; Length 25;
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Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4040 TGTATTTTATACCATTAAGT 4062
Db 2 TGTATTTTATACCATTAAGT 24

RESULT 921

US-10-060-756A-3681
; Sequence 3681, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: P80177
; CURRENT APPLICATION NUMBER: US/10/060.756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3681

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4040 TGTATTTTATACCATTAAGT 4062
Db 1 TGTATTTTATACCATTAAGT 23

RESULT 922

US-10-215-112-13497
; Sequence 13497, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltman
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215.112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13497
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-13497

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2282 TCAACTGAGAAAGACTACAG 2304
Db 2 TCAACTGAGAAAGACTACAG 24

RESULT 923

US-10-098-263B-12062/c
; Sequence 12062, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 12062
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-12062

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 AAGAGACATTTACCTGCTC 518
Db 24 AAGAGACCTTGACCTGCTC 2

RESULT 924

US-10-098-263B-38942
; Sequence 38942, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 38942
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-38942

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 TTGTGTGAGAAAGCATCAC 2343
Db 3 TTGTGTGAGAAAGCATCAC 25

RESULT 925

US-10-098-263B-41771
; Sequence 41771, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray

Query Match 0.2%; Score 16.6; DB 1; Length 25;

```
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 41771
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-41771
```

```
Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 214 ATGGAAGCGGACCTCGGAGC 236
DB 2 ATCCAAAGGAGCCCTCGGAGC 24
```

```
RESULT 926
US-10-098-263B-43190
Sequence 43190, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 43190
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-43190
```

```
Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4399 CTTCTGTTTACAAAATGAAATT 4421
DB 2 CTTCTGTTTACGACGAGAAATT 24
```

```
RESULT 927
US-10-098-263B-44071
Sequence 44071, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 44071
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-44071
```

```
Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
```

```
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1331 GACGAGAGGATCATCTGCGCTG 1353
DB 3 GACAGAAAGTAGAGCCGTCGCTG 25
```

```
RESULT 928
US-10-098-263B-50707
Sequence 50707, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 50707
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-50707
```

```
Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 7114 TGAATTAATCTTCTGTCGACAC 7136
DB 2 TGAACACTATCTTCTGTCGTCG 24
```

```
RESULT 929
US-10-098-263B-65555/c
Sequence 65555, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 65555
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-65555
```

```
Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4151 GATTGTTCTCTGACCTGCTAG 4173
DB 25 GAGTGTCTCTGACCTTCTCTG 3
```

```
RESULT 930
US-10-098-263B-68759
Sequence 68759, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
```

```

; CURRENT APPLICATION NUMBER: US//10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 68759
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-68759

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6608 TTTCTTCCCATCAGGAGTAGAAA 6630
Db      2 TTATTTCTCTCCTCAGGAGTAGAAA 24

RESULT 931
US-10-098-263B-70479
; Sequence 70479, Application US//10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US//10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 70479
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-70479

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5659 ATCTCTTAAAGTGGGCTCTTGT 5681
Db      2 ACCCTCTTAAAGTCTCTTGT 24

RESULT 932
US-10-098-263B-80455/c
; Sequence 80455, Application US//10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US//10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 80455
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80455

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      4188 GTTATGCCCCAAGATGGGGTCC 4210
Db      25 GTGTCGCTCAAGATCGGGTCC 3

RESULT 933
US-10-098-263B-83509
; Sequence 83509, Application US//10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US//10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83509
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83509

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4922 TCAGACTGTGAGTAATCTCTC 4944
Db      3 TCAGAACTGTGAGTAATCTCTC 25

RESULT 934
US-10-098-263B-85456
; Sequence 85456, Application US//10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US//10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 85456
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-85456

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      584 GAATCTTAAAGTCTCCATCAAG 606
Db      1 GATCTTAATGCTCCGTCGAAG 23

RESULT 935
US-10-098-263B-92448/c
; Sequence 92448, Application US//10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US//10/098,263B
```

```

; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 92448
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-92448

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 3742 TAAAGATCAGACTCAAGATG 3764
Db 23 TCAAGGTCACGACTCAAGATG 1

```

```

RESULT 936
US-10-098-263B-103795/c
; Sequence 103795, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 103795
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-103795

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 6563 GACAGTTTGACCTGATCAT 6585
Db 24 GACAGTCTTGACCTGATCAT 2

```

```

RESULT 937
US-10-098-263B-127099/c
; Sequence 127099, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127099
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-127099

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 4627 GGGAGTTGCACTGATGGA 4649
Db 24 GGGAGTTGCACTGATGGA 2

```

```

RESULT 938
US-10-358-619-10
; Sequence 10, Application US/10358619
; Publication No. US20030147851A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; APPLICANT: Gao, Zeren
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11D1
; CURRENT APPLICATION NUMBER: US/10/358,619
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US/09/951,843
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/528,760
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-358-619-10

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 1921 GGTGCAATTACACATCTAGT 1943
Db 2 GGTGCAATTACACATCTAGT 24

```

```

RESULT 939
US-10-061-201-3337/c
; Sequence 3337, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205

```

```
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3337
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3337

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6857 TGCCTTCTCCCTGGCGAGGAGA 6879
Db      25 TGCCTTCTCCATGGCGTGGGTGA 3

RESULT 940
US-10-061-201-3338/C
; Sequence 3338, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3338
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3338

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6857 TGCCTTCTCCCTGGCGAGGAGA 6879
Db      24 TGCCTTCTCCATGGCGTGGGTGA 2

RESULT 941
US-10-061-201-3339/C
; Sequence 3339, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
```

```
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3339
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3339

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6857 TGCCTTCTCCCTGGCGAGGAGA 6879
Db      23 TGCCTTCTCCATGGCGTGGGTGA 1

RESULT 942
US-10-717-597-765
; Sequence 765, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AML01080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 765
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-765

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5860 TTAGTGGCAGGGGTGAGGCTTAG 5882
Db      11 TTAGTGGCAGGGGTGAGGCTTAG 11
```

Db 3 TTACCTGTAGAGTCTGCTTAG 25

RESULT 943

US-10-717-597-3423
; Sequence 3423, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeath
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Slonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3423
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-3423

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5773 GCCCGGCTGCTGCTGCTGCTGCC 5795

Db 3 GCCCGGCTGCTGCTGCTGCTGCC 25

RESULT 944

US-10-717-597-3424
; Sequence 3424, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeath
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Slonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3424
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-3424

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5775 CCGGCTGCTGCTGCTGCTGCC 5797

Db 2 CCGGCTGCTGCTGCTGCTGCAT 24

RESULT 945

US-10-723-361-3233/C
; Sequence 3233, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See file wrapper or PAM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acemica Sequence Listing Engine
; SEQ ID NO 3233
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3233

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4298 GCATCTTTTCCTCCCTGCAGC 4320

Db 25 GCCTCTTTTAGTCCCGGAGC 3

RESULT 946

US-10-723-361-3234/C
; Sequence 3234, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361

```
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3234
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4298 GCATCTTTTCTCTCCCTCGAC 4320
Db      24 GCCTCTTTTCAGTCCCGGAC 2
```

```
RESULT 947
US-10-723-361-3235/c
; Sequence 3235, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3235
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3235
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4298 GCATCTTTTCTCTCCCTCGAC 4320
Db      23 GCCTCTTTTCAGTCCCGGAC 1
```

```
RESULT 948
US-10-723-361-4407/c
; Sequence 4407, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4407
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4407
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5766 GCTTGCTGGCGGCGCTCGCC 5788
Db      25 GCCTCTGGCGGCGCTCGCTCC 3
```



```
RESULT 949
US-10-723-361-4408/c
; Sequence 4408, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4408

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      5766 GCTTGCTGCGCGCGCTGCTGCC 5788
Db      24 GCTTCTGCGCGCGCTGCTGCC 2

RESULT 950
US-10-723-361-4409/c
; Sequence 4409, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```

```
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 4409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4409

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      5766 GCTTGCTGCGCGCGCTGCTGCC 5788
Db      23 GCTTCTGCGCGCGCTGCTGCC 1

RESULT 951
US-10-723-361-5201
; Sequence 5201, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 5201
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-5201
```

```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4319 ACTGTCCTCTGACCCCTTTGGCTC 4341
      |||||
Db      3 ACTGTCCTCCGGCGCTTCGGCTC 25
```

```
RESULT 952
US-10-723-361-5202
/ Sequence 5202, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 5202
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-5202

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4319 ACTGTCCTCTGACCCCTTTGGCTC 4341
      |||||
Db      2 ACTGTCCTCCGGCGCTTCGGCTC 24
```

```
RESULT 953
US-10-723-361-5203
```

```
/ Sequence 5203, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
```

```
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
```

```
/ FILE REFERENCE: PB0105
```

```
/ CURRENT APPLICATION NUMBER: US/10/723,361
```

```
/ PRIOR FILING DATE: 2003-11-26
```

```
/ PRIOR APPLICATION NUMBER: US 09/866,108
```

```
/ PRIOR FILING DATE: 2001-05-25
```

```
/ PRIOR APPLICATION NUMBER: US 60/207,456
```

```
/ PRIOR FILING DATE: 2000-05-26
```

```
/ PRIOR APPLICATION NUMBER: GB 24263.6
```

```
/ PRIOR FILING DATE: 2000-10-04
```

```
/ PRIOR APPLICATION NUMBER: US 60/236,359
```

```
/ PRIOR FILING DATE: 2000-09-27
```

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
```

```
/ PRIOR FILING DATE: 2001-01-30
```

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
```

```
/ PRIOR FILING DATE: 2001-01-30
```

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
```

```
/ PRIOR FILING DATE: 2001-01-30
```

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
```

```
/ PRIOR FILING DATE: 2001-01-30
```

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
```

```
/ PRIOR FILING DATE: 2001-01-30
```

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
```

```
/ PRIOR FILING DATE: 2001-01-30
```

```
/ Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
/ NUMBER OF SEQ ID NOS: 15755
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
```

```
/ SEQ ID NO 5203
```

```
/ LENGTH: 25
```

```
/ TYPE: DNA
```

```
/ ORGANISM: Homo sapiens
```

```
US-10-723-361-5203
```

```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4319 ACTGTCCTCTGACCCCTTTGGCTC 4341
      |||||
Db      1 ACTGTCCTCCGGCGCTTCGGCTC 23
```

```
RESULT 954
US-10-723-361-12694
/ Sequence 12694, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
```

```
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
```

```
/ FILE REFERENCE: PB0105
```

```
/ CURRENT APPLICATION NUMBER: US/10/723,361
```

```
/ PRIOR FILING DATE: 2003-11-26
```

```
/ PRIOR APPLICATION NUMBER: US 09/866,108
```

```
/ PRIOR FILING DATE: 2001-05-25
```

```
/ PRIOR APPLICATION NUMBER: US 60/207,456
```

```
/ PRIOR FILING DATE: 2000-05-26
```

```
/ PRIOR APPLICATION NUMBER: GB 24263.6
```

```
/ Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
/ NUMBER OF SEQ ID NOS: 15755
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
```

```
/ SEQ ID NO 5203
```

```
/ LENGTH: 25
```

```
/ TYPE: DNA
```

```
/ ORGANISM: Homo sapiens
```

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US-10-723-361-5203
```

```

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acemica Sequence Listing Engine
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-723-361-12694

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7407 CAGCTTCAGCAGCAGCTGAAGCA 7429
Db      3 CAGCTTCAGCAGCAGCTGAAGCA 25

RESULT 955
US-10-723-361-12695
; Sequence 12695, Application US/107233361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acemica Sequence Listing Engine
; SEQ ID NO 12695
```

```

; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-723-361-12695

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7407 CAGCTTCAGCAGCAGCTGAAGCA 7429
Db      2 CAGCTTCAGCAGCAGCTGAAGCA 24

RESULT 956
US-10-775-169-715
; Sequence 715, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornez, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 715
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
; US-10-775-169-715

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6412 AGATAGCTTCCTGTGGCCTCCT 6434
Db      1 AGATTCCTCTCTGTAGCCTACT 23

RESULT 957
US-10-775-169-2828/c
; Sequence 2828, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornez, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2828
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
; US-10-775-169-2828

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4106 TTATATCCAGAAACATTGAGC 4128
Db      1 TTATATCCAGAAACATTGAGC 4128
```

```
Db      23 TTGTATCCCAAGAACTTCAGC 1

RESULT 958
US-10-775-169-3059
; Sequence 3059, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3059
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-3059

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5795 CCTGCTGCTGCTGCTGCTGCT 5817
Db      2 CTTGCCCTGCTTGTCTCTGCT 24

RESULT 959
US-10-775-169-3805
; Sequence 3805, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3805
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-3805

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2727 GGCCCTGGCCAAAGCCGTGCAGG 2749
Db      2 GGCCCTGGTCATCATGTCAGG 24

RESULT 960
US-10-775-169-3974
; Sequence 3974, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie

Db      23 TTGTATCCCAAGAACTTCAGC 1

; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3974
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-3974

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5925 GAGATGCCACTGGGCTGACT 5947
Db      2 GAGATGCCACTGGGCTGACT 24

RESULT 961
US-10-176-055-10/c
; Sequence 10, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Halpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Complementary
; OTHER INFORMATION: Complementary probe that binds specifically to
; OTHER INFORMATION: target sequence
US-10-176-055-10

Query Match      0.2%; Score 16.6; DB 1; Length 30;
Best Local Similarity 82.6%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4017 GAGAAAAAAGAGAAAAACAAA 4039
Db      28 GAGAAAAAAGAAAAAAGAAAAA 6

RESULT 962
US-09-828-034-15/c
; Sequence 15, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
```

```

; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-15

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4460 GCACCTTTTTTTTTTTT 4477
      |||||
Db      18 GCACCTTTTTTTTTTTT 1

RESULT 963
US-09-961-077-1167/c
; Sequence 1167, Application US/09961077
; Publication No. US2003001475A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1167:
US-09-961-077-1167

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      65 GCTGCGGCGCGCGCGCG 82
      |||||
Db      18 GCTGCGGCGCGCGCGCG 1

RESULT 964
US-10-054-387-48/c
; Sequence 48, Application US/10054387
; Publication No. US20030054365A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Minzhen
; Qiu, Gang
; Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/10/054,387
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 48
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse il gene.
US-10-054-387-48

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAG 7430
      |||||
Db      18 CAGCAGCAGCAGCAGCAG 1

RESULT 965
US-10-333-461-18
; Sequence 18, Application US/10333461
; Publication No. US20030165952A1
; GENERAL INFORMATION:
; APPLICANT: Global Genomics AB
; Applicant: Linmarsson, Sten
; Applicant: Ernfore, Patrik
; Applicant: Bauren, Goran
TITLE OF INVENTION: Methods for analysis and identification of transcribed
TITLE OF INVENTION: genes, and fingerprinting
FILE REFERENCE: smwfp5941752
CURRENT APPLICATION NUMBER: US/10/333,461
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: GB 0018016.6
PRIOR FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/219,925
PRIOR FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 18
LENGTH: 18
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequences:
; OTHER INFORMATION: Double-stranded product DNA
; OS-10-333-461-18

```

Query Match	0.2%	Score 16.4	DB 1	Length 18
Best Local Similarity	94.4%	Pred. No. 6.5e+02		
Matches 17; Conservative	0	Mismatches 1	Indels 0	Gaps 0

```
QY      4467 TTTTTTTTTTTTTTTTGG 4484
          |||||
Db       1 TTTTTTTTTTTTTTTTCG 18
```

RESULT 966
 US-10-352-253A-18
 ; Sequence 18, Application US/10352253A
 ; Publication No. US20030175908A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Linnareson, Sten
 ; APPLICANT: Ennfors, Patrik
 ; APPLICANT: Bauren, Goran
 ; APPLICANT: Metsis, Ais
 ; APPLICANT: Pihlak, Arno
 ; APPLICANT: Moncelius, Andreas
 ; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
 ; FILE REFERENCE: 620-234
 ; CURRENT APPLICATION NUMBER: US/10/352,253A
 ; CURRENT FILING DATE: 2003-01-28
 ; PRIOR APPLICATION NUMBER: US 60/352,215
 ; PRIOR FILING DATE: 2002-01-29
 ; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 18
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: Double-stranded product DNA
 ; US-10-352-253A-18

Query Match	0.2%	Score 16.4	DB 1	Length 18
Best Local Similarity	94.4%	Pred. No. 6.5e+02		
Matches 17; Conservative	0	Mismatches 1	Indels 0	Gaps 0

QY 4467 TTTT TTTT TTTT TTTT TTTG 4484
 |||||
Db 1 TTTT TTTT TTTT TTTT TCG 18

```

RESULT 967
US-10-352-255A-18
; Sequence 18, Application US/10352255A
; Publication No. US20030215839A1
;
GENERAL INFORMATION:
;
APPLICANT: LONNERBERG, Peter
;
APPLICANT: OLDIR, Mats
;
APPLICANT: LINNARSSON, Sten
;
APPLICANT: BENFORS, Patrik
;
TITLE OF INVENTION: Methods and Means for Identification of Gene Features
;
FILE REFERENCE: 620-235
;
CURRENT APPLICATION NUMBER: US/10/352.255A
;
CURRENT FILING DATE: 2003-01-28
;
PRIOR APPLICATION NUMBER: US 60/352.245
;
PRIOR FILING DATE: 2002-01-29
;
NUMBER OF SEQ ID NOS: 25
;
SOFTWARE: PatentIn Ver. 2.1
;
SEQ ID NO 18
;
LENGTH: 18
;
TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
;
; FEATURES:
;
; OTHER INFORMATION: Description of Artificial Sequence
;
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-18

```

Query Match	0.2%	Score 16.4	DB 1	Length 18
Best Local Similarity	94.4%	Pred. NC. 6.5e+02		
Matches 17; Conservative	0	Mismatches 1	Indels 0	Gaps 0

Qy	4467	T T T T T T T T T T G	4484
Db	1	T T T T T T T T T T C G	18

```

RESULT 968
US-10-436-231-5
: Sequence 5, Application US/10436231
: Publication No. US20040175704A1
: GENERAL INFORMATION:
: APPLICANT: Strategene
: APPLICANT: Sorge, Joseph A
: APPLICANT: Filmin, Andrew
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
: FILE REFERENCE: 25436/2392
: CURRENT APPLICATION NUMBER: US/10/436,231
: CURRENT FILING DATE: 2003-05-12
: PRIOR APPLICATION NUMBER: US 60/452,481
: PRIOR FILING DATE: 2003-03-06
: NUMBER OF SEQ ID NOS: 29
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 5
: LENGTH: 16
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-5

```

Query Match	0.2%	Score 16.4	DB 1	Length 18
Best Local Similarity	94.4%	Pred. No. 6.5e+02		
Matches 17; Conservative	0	Mismatches 1	Indels 0	Gaps 0

QY	7419	CAGCAGCAGCAGCAGC	7436
Db	1	CAGCAGCAGCAGCAGCCC	18

```

RESULT 969
US-10-436-231-6/C
; Sequence 6, Application US/10436231
; Publication NO. US20040175704A1
; GENERAL INFORMATION:
; APPLICANT: Strategene
; APPLICANT: Socrate Joseph A
; APPLICANT: Pirmim, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-6

```

Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 7419 CAGCAGCAGCAGCAGCAGC 7436
Db 18 CAGCAGCAGCAGCAGCCC 1

RESULT 970
US-10-349-143-10119
Sequence 10119, Application US/10349143
Publication No. US2004000558441
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Allelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,650
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10119
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-9587 for SEQ 2254, in compleme
US-10-349-143-10119

Query Match 0.2%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6181 AAGACTGATGAGAGAGA 6198
Db 1 AAGACTGATGAGAGAGA 18

RESULT 971
US-10-665-951-426/C
Sequence 426, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggan, James
APPLICANT: Belgelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siRNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US/10/665,951
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 426
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-426

Query Match 0.2%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3324 GATGTTTATGCGTTCA 3341
Db 19 GATGTTTATGCGTTCA 2

RESULT 972
US-10-665-951-853
Sequence 853, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggan, James
APPLICANT: Belgelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siRNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US/10/665,951
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 853
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:

```
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-665-951-853

Query Match      0.2%; Score 16.4; DB 1; Length 19;
Best Local Similarity 55.6%; Pred. No. 7e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3324 GAGCTTTTATGGGTCA 3341
Db      1 GAUGUUUUAACGGGUUCA 18

RESULT 973
US-10-188-404-49
; Sequence 49, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Esholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coulli, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (10)-(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (13)-(13)
; OTHER INFORMATION: N is Pseudocytosine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)-(20)
; OTHER INFORMATION: N is Pseudocytosine
US-10-188-404-49

Query Match      0.2%; Score 16.4; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4463 CTTTCTTTTCTTTTCTTTT 4481
Db      1 CTTTCTTTTCTTTTCTTTT 19

RESULT 974
US-10-164-915-1/c
; Sequence 1, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1 linear Optical
; TITLE OF INVENTION: for Detection of Interactions Involving a Conformational Change

; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
US-10-164-915-1

Query Match      0.2%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4461 GACTTTTCTTTTCTTTT 4478
Db      18 GACTTTTCTTTTCTTTT 1

RESULT 975
US-10-374-686-2/c
; Sequence 2, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libchaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; TITLE OF INVENTION: by Metal Surfaces
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-374-686-2

Query Match      0.2%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4461 GACTTTTCTTTTCTTTT 4478
Db      18 GACTTTTCTTTTCTTTT 1

RESULT 976
US-10-671-395-990
; Sequence 990, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
```



```

/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 990
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURES:
/ OTHER INFORMATION: Human PGE2 antisense
/ US-10-671-395-990

```

Query Match	0.2%	Score 16.4	DB 1	Length 20
Best Local Similarity	94.4%	Pred. No. 7.5e+02		
Matches 17, Conservative	0	Mismatches 1	Indels 0	Gaps 0

Qy	4469	TTTTTTTTTTTTTTGTC	4486
Db	1	TTTTTTTTTTTTTGGC	18

```

RESULT 977
US-10-728-399-199
; Sequence 199, Application US/10728399
; Publication No. US20040132078A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
FILE REFERENCE: 01455_1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 199
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mitoneet antisense
US-10-728-399-199

```

Query Match	0.2%	Score 16.4	DB 1	Length 20
Best Local Similarity	94.4%	Pred. No. 7.5e+02		
Matches 17	Conservative 0	Mismatches 1	Indels 0	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTTT	4481
Db	1	TTTTTTTTTTTTTTGTTT	18

RESULT 978
US-10-374-686-3/C
: Sequence 3, Application US/10374686
: Publication No. US20040002089A1
: GENERAL INFORMATION:
: APPLICANT: Dubertret, Benoit
: APPLICANT: Calame, Michel
: APPLICANT: Libbhaber, Albert
: TITLE OF INVENTION: Methods Employing Fluorescent Quenching
: TITLE OF INVENTION: by Metal Surfaces
: FILE REFERENCE: 600-1-260PCTUS
: CURRENT APPLICATION NUMBER: US/10/374,686
: CURRENT FILING DATE: 2003-02-26
: PRIOR APPLICATION NUMBER: PCT/US01/41941
: PRIOR FILING DATE: 2001-08-29

```

:
: PRIOR APPLICATION NUMBER: 60/228728
: PRIOR FILING DATE: 2000-08-29
: PRIOR APPLICATION NUMBER: 60/280350
: PRIOR FILING DATE: 2001-03-30
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: FastSeq for Windows Version 4.0.
: SEQ ID NO 3
:
: LENGTH: 21
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
: FEATURE:
:
: OTHER INFORMATION: synthetic
:
US-10-374-686-3

```

Query Match	0.2%	Score 16.4;	DB 1;	Length 21;
Best Local Similarity	94.4%;	Pred. No. 8e+02;		
Matches 17; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

	4461	GACTT	TTTTTTT	TTTTT	4478
Qy					
Db	19	GAGT	TTTTTTT	TTTTT	2

```

RESULT 979
US-10-099-322-209
Sequence 209, Application US/10099322
Publication No. US20030215449A1
GENERAL INFORMATION:
APPLICANT: Mezes et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-240CIP
CURRENT APPLICATION NUMBER: US/10/099,322
CURRENT FILING DATE: 2002-09-11
PRIORITY APPLICATION NUMBER: 60/261,014
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/261,018
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/318,410
PRIORITY FILING DATE: 2001-09-10
PRIORITY APPLICATION NUMBER: 60/261,013
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/261,026
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/261,029
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/313,170
PRIORITY FILING DATE: 2001-08-17
PRIORITY APPLICATION NUMBER: 10/044,564
PRIORITY FILING DATE: 2002-01-11
NUMBER OF SEQ ID NOS: 324
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 209
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-099-322-209

```

Query Match	0.2%	Score 16.4	DB 1	Length 22
Best Local Similarity	94.4%	Pred. No. 8.5e+02		
Matches 17; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY 6395 CCTATGCCACCTGCTA 6412
|||||
Db 1 CCTAATGCCACCTCTTA 18

RESULT 980
US-10-044-564-209
; Sequence 209, Application US/10044564
; Publication No. US20040018196A1

```
; GENERAL INFORMATION:
; APPLICANT: Mezes et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-240
; CURRENT APPLICATION NUMBER: US/10/044,564
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,018
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/318,410
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/261,013
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,026
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,029
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/313,170
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 209
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-044-564-209
```

```
Query Match          0.2%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 8.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6395 CCTATGCCACCTGCTA 6412
      |||||||:|||||
Db       1 CCTATGCCACCTGCTA 18
```

```
RESULT 981
US-10-679-064-37
; Sequence 37, Application US/10679064
; Publication No. US20040126795A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Tun-Ping
; APPLICANT: Hopkins, Nick
; APPLICANT: Sasaki, Shoji
; APPLICANT: Wang, Lizhen
; APPLICANT: Baaslaansen, John
; APPLICANT: Wilson, Eldon
; APPLICANT: Mileham, Alan
; TITLE OF INVENTION: GENETIC MARKERS ASSOCIATED WITH SCROTAL HERNIAS IN PIGS
; FILE REFERENCE: P05787US01
; CURRENT APPLICATION NUMBER: US/10/679,064
; PRIOR FILING DATE: 2003-10-03
; PRIOR APPLICATION NUMBER: US 60/416,211
; PRIOR FILING DATE: 2002-10-03
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Sus scrofa
US-10-679-064-37
```

```
Query Match          0.2%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 8.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5697 GTTTGCTTCTTTTC 5714
      |||||||:|||||
```

```
Db       5 GTTTTCTTCTTTTC 22
```

```
RESULT 982
US-10-027-632-52619/c
; Sequence 52619, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52619
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52619
```

```
Query Match          0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTCTTTTCTTTT 4481
      |||||||:|||||
Db       22 GGCTTTTGTCTTTTCTTTT 1
```

```
RESULT 983
US-10-027-632-52619/c
; Sequence 52619, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52619
```

LENGTH: 23
TYPE: DNA
ORGANISM: Human
US-10-027-632-52619

Query Match 0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGTTTTTTT 4481
DB 22 GGTTGTTTGTGTTTTTTT 1

RESULT 984
US-10-027-632-52637/c
Sequence 52637, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:

APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

PRIOR FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: US 60/167,363

PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/156,358

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 52637

LENGTH: 23

TYPE: DNA

ORGANISM: Human

US-10-027-632-52637

Query Match 0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGTTTTTTT 4481
DB 22 GGTTGTTTGTGTTTTTTT 1

RESULT 985
US-10-027-632-52637/c
Sequence 52637, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:

APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

PRIOR FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

US-10-027-632-52637

Query Match 0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGTTTTTTT 4481
DB 22 GGTTGTTTGTGTTTTTTT 1

RESULT 986
US-10-027-632-52655/c
Sequence 52655, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:

APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: US 60/167,363

PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/156,358

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 52637

LENGTH: 23

TYPE: DNA

ORGANISM: Human

US-10-027-632-52637

Query Match 0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGTTTTTTT 4481
DB 22 GGTTGTTTGTGTTTTTTT 1

RESULT 986
US-10-027-632-52655/c
Sequence 52655, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:

APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

PRIOR FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: US 60/167,363

PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/156,358

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 52655

LENGTH: 23

TYPE: DNA

ORGANISM: Human

US-10-027-632-52655

Query Match 0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGTTTTTTT 4481
DB 22 GGTTGTTTGTGTTTTTTT 1

RESULT 987
US-10-027-632-52655/c
Sequence 52655, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:

APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

PRIOR FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

US-10-027-632-52655

```
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52655
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52655

Query Match          0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTGTGTTTGTGTTT 4481
Db      22 GGGTGTTTGKTTGTTTWTGTTT 1

RESULT 988
; Sequence 74, Application US/10175225
; Publication No. US20030082582A1
; GENERAL INFORMATION:
; APPLICANT: Richard A. Gatti
; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
; FILE REFERENCE: UC078.001DV1
; CURRENT APPLICATION NUMBER: US/10/175,225
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: US 09/360,416
; PRIOR FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Human
US-10-175-225-74

Query Match          0.2%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3168 TTAGTTGGGTTTGATA 3185
Db      19 TTAGATTGGGTTTGATA 2

RESULT 989
US-10-085-167-5/c
; Sequence 5, Application US/10085167
; Publication No. US20030170781A1
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Lok, Si
```

```
; TITLE OF INVENTION: SECRETED PROTEIN ZACRP4
; FILE REFERENCE: 99-29
; CURRENT APPLICATION NUMBER: US/10/085,167
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: 60/141,928
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC20,839
US-10-085-167-5

Query Match          0.2%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2099 TACAGCAGCAGCGCAG 2116
Db      23 TACAGCACACGCGCAG 6

RESULT 990
US-10-098-263B-99111
; Sequence 99111, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99111
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-99111

Query Match          0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3476 CCCCTAGTAATCTTAG 3493
Db      8 CCCCTAGTAATCTTAG 25

RESULT 991
US-10-215-432-23/c
; Sequence 23, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
; APPLICANT: Eric B. Kmiec
; APPLICANT: Hetal Parekh-Olmedo
; TITLE OF INVENTION: Composition and methods for the
; FILE REFERENCE: Napro-10
; CURRENT APPLICATION NUMBER: US/10/215,432
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Single-stranded oligonucleotide
FEATURE:
NAME/KEY: misc_difference
LOCATION: (1)...(4)
OTHER INFORMATION: Phosphorothioate linkage
FEATURE:
NAME/KEY: misc_difference
LOCATION: (22)...(25)
OTHER INFORMATION: Phosphorothioate linkage
US-10-215-432-23

Query Match 0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 1;

Oy 7413 CAGCAGCAGCAGCAGCAG 7430
Db 18 CAGCTGCAGCAGCAGCAG 1

RESULT 992
US-10-219-195-38/c
Sequence 38, Application US/10219195
Publication No. US20030165917A1
GENERAL INFORMATION:
APPLICANT: ULLMAN, EDWIN
APPLICANT: WU, MING
APPLICANT: LIU, YEN PING
TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
FILE REFERENCE: 3817-05-1
CURRENT APPLICATION NUMBER: US/10/219,195
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR FILING DATE: 2001-08-14
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 38
LENGTH: 39
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-219-195-38

Query Match 0.2%; Score 16.4; DB 1; Length 39;
Best Local Similarity 67.6%; Pred. No. 1.5e+03;
Matches 23; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Oy 4004 TTAGCTTAAATGAGAAAAAGAGAAACAA 4037
Db 34 TCACGCCAAAAAAGAAAAAAGAAAAA 1

RESULT 993
US-09-981-397A-1
Sequence 1, Application US/09981397A
Publication No. US20030082519A1
GENERAL INFORMATION:
APPLICANT: Axkima Pharmaceuticals AG
APPLICANT: Schubart, Daniel
APPLICANT: Habenberger, Peter
APPLICANT: Stein-Gerlach, Matthias
APPLICANT: Bevec, Dorian
TITLE OF INVENTION: Cellular Kinases Involved in Cytomegalovirus Infection and their
FILE REFERENCE: AXM-004.1 US
CURRENT APPLICATION NUMBER: US/09/981,397A
CURRENT FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: 60/240,750
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.1

SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic polyT primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)...(18)
OTHER INFORMATION: n = a,c,g or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)...(17)
OTHER INFORMATION: v = a,g or c
US-09-981-397A-1

Query Match 0.2%; Score 16.2; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 7e+02; 0; Indels 0; Gaps 0;
Matches 16; Conservative 1; Mismatches 0;

Oy 4468 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT V 17

RESULT 994
US-10-103-614A-4/c
Sequence 4, Application US/10103614A
Publication No. US20030059796A1
GENERAL INFORMATION:
APPLICANT: SALMAN AL-MAHMOOD
TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE
TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES
FILE REFERENCE: 1071-02
CURRENT APPLICATION NUMBER: US/10/103,614A
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: PCT/FR00/02607
PRIOR FILING DATE: 2000-09-20
PRIOR APPLICATION NUMBER: FR 99/11790
PRIOR FILING DATE: 1999-09-21
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
NAME/KEY: modified_base
LOCATION: (1)
OTHER INFORMATION: a, t, c or g
NAME/KEY: modified_base
LOCATION: (19)
OTHER INFORMATION: a, t, c or g
US-10-103-614A-4

Query Match 0.2%; Score 16.2; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 7.5e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT TTTT TTTT T 4480
Db 18 TTTT TTTT TTTT TTTT TTTT TTTT B 2

RESULT 995
US-09-140-719-20
Sequence 20, Application US/09140719
Patent No. US20010026931A1
GENERAL INFORMATION:
APPLICANT: TSUJIMOTO, Masafumi
APPLICANT: IWASA, Fuyuki

```

; APPLICANT: TSUROOKA, No. US20010026931A1uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MIURA, Kenju
; APPLICANT: ISHIDA, No. US20010026931A1uhiro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMAICHI, Kozo
; APPLICANT: YAMAGUCHI, No. US20010026931A1omi
; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/140,719
; FILING DATE: 08-AUG-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/474,661
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 6-067339
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-140-719-20

Query Match      0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      694 GATGTGGCATGAGGCACTG 714
DB      1 GCTGTGGCATGATGACACG 21

RESULT 996
US-09-828-034-10/c
; Sequence 10, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
```

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; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; US-09-828-034-10

Query Match      0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      61 GGAGGCTGGCGGCGCGCGC 81
DB      21 GCGCGCGCGCGCGCGCGC 1

RESULT 997
US-09-920-552-118
; Sequence 118, Application US/09920552
; Patent No. US20020094576A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, David J.
; APPLICANT: Weiss, Robin A.
; APPLICANT: Venables, Patrick
; TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576A1e1 Retrovira
; FILE REFERENCE: Abbott Labs
; CURRENT APPLICATION NUMBER: US/09/920,552
; FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 09/280,329
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: GB 9806649.1
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/115,288
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 118
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-920-552-118

Query Match      0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6807 TGGGAAGAGGATATTTTGG 6827
DB      1 TAGGAAAGAGGATATTACTGG 21

RESULT 998
US-10-091-442-20
; Sequence 20, Application US/10091442
; Publication No. US20020164711A1
; GENERAL INFORMATION:
; APPLICANT: TSUJIMOTO, Masaaki
; APPLICANT: IWASA, Fuyuki
; APPLICANT: TSUROOKA, No. US20020164711A1uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MIURA, Kenju
; APPLICANT: ISHIDA, No. US20020164711A1uhiro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMAICHI, Kozo
; APPLICANT: YAMAGUCHI, No. US20020164711A1omi
```

TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22113-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/10/091,442
APPLICATION NUMBER DATA:
FILING DATE: 07-Mar-2002
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/140,719
FILING DATE: 08-AUG-1998
APPLICATION NUMBER: US 08/474,661
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/091,028
FILING DATE: 14-JUL-1993
APPLICATION NUMBER: JP 4-212305
FILING DATE: 17-JUL-1992
APPLICATION NUMBER: JP 6-067339
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 001560-247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-091-442-20
Query Match 0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 694 GATGTGGCATGAGCACCCTG 714
DB 1 GCTGTGGCATGATGACCAG 21
RESULT 999
US-10-303-109A-31/c
Sequence 31, Application US/10303109A
Publication No. US20030194726A1
GENERAL INFORMATION:
APPLICANT: BOLCHAKOVA, Elena
APPLICANT: ROZZELLE, James
TITLE OF INVENTION: Therms Oshimai Nucleic Acid Polymerases
FILE REFERENCE: 4777US
CURRENT APPLICATION NUMBER: US/10/303,109A
CURRENT FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: US 60/334,798
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.2
SEQ ID NO 31
LENGTH: 21
TYPE: DNA

ORGANISM: Thermus oshimai
US-10-303-109A-31
Query Match 0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 992 TCAGGCGCTGAGCTGGAG 1012
DB 21 TCAGGCGCTGAGAGAGATG 1
RESULT 1000
US-10-418-182-97/c
Sequence 97, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 97
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-97
Query Match 0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 8.6e+02;
Matches 12; Conservative 8; Mismatches 1; Indels 0; Gaps 0;
Oy 7414 AGCAGCAGCAGCAGCAGCAGC 7434
DB 21 AGMAGCASSGKXAGMARCASC 1
RESULT 1001
US-10-418-182-122/c
Sequence 122, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 122
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-122
Query Match 0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 4463 CTTTCTTCTTCTTCTTCTT 4483
DB 21 CTTTCTTCTTCTTCTTCTT 1


```

; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-808

```

Query Match	0.2%	Score 16.2;	DB 1;	length 22;
Best Local Similarity	85.7%	Pred. No. 9.2e+02;		
Matches 18;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

Oy	4468	TTTT TTTT TTTT TTTGCTT	4488
Db	21	TTTT GTTT TGTTTGTTT	1

```

RESULT 1006
US-10-222-945-4
? Sequence 4, Application US/10222945
? Publication No. US20030104009A1
? GENERAL INFORMATION:
? APPLICANT: McGrath, Michael S.
? TITLE OF INVENTION: Retrovirus Isolated From Mantle
? TITLE OF INVENTION: Histocytus In Mantle Cell Lymphoma
? PTE REFERENCE: USF-237
? CURRENT APPLICATION NUMBER: US/10/222,945
? CURRENT FILING DATE: 2002-08-15
? PRIOR APPLICATION NUMBER: 60/312,686
? PRIOR FILING DATE: 2001-08-15
? NUMBER OF SEQ ID NOS: 14
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 4
? LENGTH: 22
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: HERV-10 primer
US-10-222-945-4

```

Query Match	0.2%	Score 16.2;	DB 1;	length 22;
Best Local Similarity	85.7%	Pred. No. 9.2e+02;		
Matches 18; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0.

QY	1194	AGTTGCCAGGAACAAAGCA	1214
Db	2	AATTGCCAAGGAAGTAAGCA	22

```

RESULT 1007
US-10-391-249-31
; Sequence 31, Application US/10391249
; Publication No. US20040091935A1
; GENERAL INFORMATION:
; APPLICANT: Dosey, Stephen J.
; TITLE OF INVENTION: NEW STRAINS OF MYCOPLASMA HYORHINIS AS
; TITLE OF INVENTION: CAUSATIVE AGENT FOR SYSTEMIC SCLEROSIS
; FILE REFERENCE: 07917-142001
; CURRENT APPLICATION NUMBER: US/10/391,249
; CURRENT FILING DATE: 2003-03-17
; PRIOR APPLICATION NUMBER: US 60/364,801
; PRIOR FILING DATE: 2002-03-15
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: fastseq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mycoplasma hyorhins
US-10-391-249-31

```

Query Match	0.2%	Score 16.2;	DB 1;	Length 22;
Best Local Similarity	47.6%;	Pred. No. 9.2e+02;		
Matches 10; Conservative	8;	Mismatches 3;	Indels 0;	Gaps 0

QY 4468 TTTTTTTTTTTTTTGTCTT 4488
|::|: : : ||||| |||||

Db 2 TTTTTCCTGTTTCTT 22

```

RESULT 1008
US-10-723-940-43
; Sequence 43, Application US/10723940
; Publication No. US20040185468A1
; GENERAL INFORMATION:
; APPLICANT: Leonard, Sherry
; APPLICANT: Freeman, Robert
; TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Receptor
; TITLE OF INVENTION: Gene
; FILE REFERENCE: YARD-07989
; CURRENT APPLICATION NUMBER: US/10/723,940
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 08/956,518
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-723-940-43

```

Query Match	0.2%	Score 16.2;	DB 1;	Length 22;
Best Local Similarity	85.7%	Pred. No. 9.2e+02;		
Matches 18; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5161 TTCTCCTGGACAGTGGGCTC 5181
          |||||
Db      2 TTCTCCTGGACTCTGGGCAC 22

```

```

RESULT 1009
US-09-824-468-61/c
/ Sequence 61, Application US/09824468
/ Patent No. US20020064515A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ TITLE OF INVENTION: Methods and Products for Stimulating the
/ TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and
/ TITLE OF INVENTION: Cytokines
/ FILE REFERENCE: CI039/7026/HCL
/ CURRENT APPLICATION NUMBER: US/09/824,468
/ CURRENT FILING DATE: 2001-04-02
/ PRIOR APPLICATION NUMBER: 09/286,098
/ PRIOR FILING DATE: 1999-04-02
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-824-468-61

```

Query Match	0.2%;	Score 16.2;	DB 1;	Length 24;
Best Local Similarity	85.7%;	Pred. No. 1e+03;		
Matches 18;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0

```
QY      1521 GGGGAACAGTCTACAATGG 15411  
        |||||  
Db .    22 GGGGAACAGTTGTCATGG 2
```

RESULT 1010
US-09-855-797A-48
; Sequence 48, Application US/09855797A

```
; Patent No. US20020094574A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; FILE REFERENCE: 0942.285008
; CURRENT APPLICATION NUMBER: US/09/855,797A
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 09/296,281
; PRIOR FILING DATE: 1999-04-22
; PRIOR APPLICATION NUMBER: US 60/065,930
; PRIOR FILING DATE: 1997-10-24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-855-797A-48

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3109 AAGACTCAGCTTGACAGCTT 3129
DB      1 AATTCTCATGTTGACAGCTT 21

RESULT 1011
US-09-800-266A-52/c
; Sequence 52, Application US/09800266A
; Patent No. US20020156033A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Cancer Medicament Combination Therapy for the Treatment of
; TITLE OF INVENTION: Cancer
; FILE REFERENCE: C1037/7017 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/800,266A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: US 60/187,214
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-800-266A-52

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAAACAGTTCTACATG 1541
DB      22 GGGGAAACAGTTCTCATGG 2

RESULT 1012
US-09-895-007A-52/c
; Sequence 52, Application US/09895007A
; Patent No. US20020165178A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Schetter, Christian
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ANEMIA, THROMBOCYTOPENIA, AND NEUTROPENIA
; FILE REFERENCE: C1041/7014 (AMS)
; CURRENT APPLICATION NUMBER: US/09/895,007A
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/214,368
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-895-007A-52

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAAACAGTTCTACATG 1541
DB      22 GGGGAAACAGTTCTCATGG 2

RESULT 1013
US-09-907-900-48
; Sequence 48, Application US/09907900
; Patent No. US2002017297A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.285004
; CURRENT APPLICATION NUMBER: US/09/907,900
; CURRENT FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 09/177,387
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-907-900-48

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3109 AAGACTCAGCTTGACAGCTT 3129
DB      1 AATTCTCATGTTGACAGCTT 21

RESULT 1014
US-09-907-719-48
; Sequence 48, Application US/09907719
; Publication No. US20020192819A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
```

APPLICANT: Temple, Gary F.
APPLICANT: Fox, Donna K.
TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
TITLE OF INVENTION: Recombination Sites
FILE REFERENCE: 0942,2850004
CURRENT APPLICATION NUMBER: US/09/907,719
CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: US/09/177,387
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-907-719-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129
DB 1 AATTCATGTTTGACAGCTT 21

RESULT 1015
US-09-920-313-52/c
Sequence 52, Application US/09920313
Publication No. US20020198165A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Nucleic Acids for the Prevention and
TITLE OF INVENTION: Treatment of Gastric Ulcers
FILE REFERENCE: C1037/7019 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/920,313
CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION NUMBER: US 60/222,248
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 148
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 52
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-920-313-52

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTCATGG 2

RESULT 1016
US-09-888-326-35/c
Sequence 35, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AMS)
CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 35
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc feature
LOCATION: (0) - (0)
OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-35

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTCATGG 2

RESULT 1017
US-09-776-479-19/c
Sequence 19, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 19
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-19

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTCATGG 2

RESULT 1018
US-09-776-479-19/c
Sequence 19, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991

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; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-19

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1521 GGGGAAACAGTTCTACATGG 1541
Db      22 GGGGAAACAGTTCTCCATGG 2

RESULT 1019
US-09-940-185-631/c
; Sequence 631, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25 US 60/227,948
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 631
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-631

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      433 GAATACATGTCGACGATTC 453
Db      21 GAATACATGGCCGAAATGC 1

RESULT 1020
US-09-954-987B-23/c
; Sequence 23, Application US/09954987B
; Publication No. US20030104523A1
; GENERAL INFORMATION:
; APPLICANT: Stefan Bauer
; APPLICANT: Grayson B. Lipford
; APPLICANT: Hermann Wagner
; TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF
; TITLE OF INVENTION: CpG-BASED IMMUNO-AGONIST/ANTAGONIST
; FILE REFERENCE: C1041/7016 (AMS)
; CURRENT APPLICATION NUMBER: US/09/954,987B
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/233,035
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/263,657
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: US 60/291,726
; PRIOR FILING DATE: 2001-05-17
```

```
; PRIOR APPLICATION NUMBER: US 60/300,210
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 230
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-954-987B-23

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1521 GGGGAAACAGTTCTACATGG 1541
Db      22 GGGGAAACAGTTCTCCATGG 2

RESULT 1021
US-09-985-448-48
; Sequence 48, Application US/09985448
; Publication No. US20030157716A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942,2850004
; CURRENT APPLICATION NUMBER: US/09/985,448
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US/09/177,387
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: US 60/065,930
; PRIOR FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-985-448-48

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      3109 AAGACTCATGCTTGACAGCTT 3129
Db      1 AATTCTCATGTTTGACAGCTT 21

RESULT 1022
US-10-373-381-48/c
; Sequence 48, Application US/10373381
; Publication No. US20040030118A1
; GENERAL INFORMATION:
; APPLICANT: Wagner, Hermann
; APPLICANT: Lipford, Grayson
; TITLE OF INVENTION: Methods for Regulating Hematopoiesis
; TITLE OF INVENTION: Using CpG-Oligonucleotides
; FILE REFERENCE: C01041.70035.US
; CURRENT APPLICATION NUMBER: US/10/373,381
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 09/241,653
; PRIOR FILING DATE: 1999-02-02
```

;; PRIOR APPLICATION NUMBER: US 60/085,516
;; PRIOR FILING DATE: 1998-05-14
;; NUMBER OF SEQ ID NOS: 90
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 48
;; LENGTH: 24
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic oligonucleotide
US-10-373-381-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTTCACATGG 1541
Db 22 GGGGAACAGTTCACATGG 2

RESULT 1023
US-10-680-316-48
;; Sequence 48, Application US/10680316
;; Publication No. US20040063207A1
;; GENERAL INFORMATION:
;; APPLICANT: Hartley, James L.
;; APPLICANT: Brasch, Michael A.
;; APPLICANT: Temple, Gary F.
;; APPLICANT: Fox, Donna K.
;; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
;; FILE OF INVENTION: Recombination Sites
;; FILE REFERENCE: 0942.2850004
;; CURRENT APPLICATION NUMBER: US/10/680,316
;; PRIOR FILING DATE: 2003-10-08
;; PRIOR APPLICATION NUMBER: US/09/177,387A
;; PRIOR FILING DATE: 1998-10-23
;; PRIOR APPLICATION NUMBER: US 60/065,930
;; PRIOR FILING DATE: 1997-10-24
;; NUMBER OF SEQ ID NOS: 60
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 48
;; LENGTH: 24
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-680-316-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3109 AAGACTCATGCTGACAGCTT 3129
Db 1 AATCTCATGTTGACAGCTT 21

RESULT 1024
US-10-314-578-19/c
;; Sequence 19, Application US/10314578
;; Publication No. US20030212026A1
;; GENERAL INFORMATION:
;; APPLICANT: Krieg, Arthur M.
;; APPLICANT: Scheller, Christian
;; APPLICANT: Vollmer, Jörg
;; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
;; FILE REFERENCE: C1039/7035 (HCL/MAT)
;; CURRENT APPLICATION NUMBER: US/10/314,578
;; PRIOR FILING DATE: 2002-12-09
;; PRIOR APPLICATION NUMBER: US 60/156,113
;; PRIOR FILING DATE: 1999-09-25

;; PRIOR APPLICATION NUMBER: US 60/156,135
;; PRIOR FILING DATE: 1999-09-27
;; PRIOR APPLICATION NUMBER: US 60/227,436
;; PRIOR FILING DATE: 2000-08-23
;; NUMBER OF SEQ ID NOS: 1145
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 19
;; LENGTH: 24
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-19

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTTCACATGG 1541
Db 22 GGGGAACAGTTCACATGG 2

RESULT 1025
US-10-434-696-52/c
;; Sequence 52, Application US/10434696
;; Publication No. US20030224010A1
;; GENERAL INFORMATION:
;; APPLICANT: Davis, Heather L.
;; APPLICANT: Schorr, Joachim
;; APPLICANT: Krieg, Arthur M.
;; TITLE OF INVENTION: Use of Nucleic Acids Containing
;; FILE OF INVENTION: Unmethylated CpG Dinucleotide as an Adjuvant
;; FILE REFERENCE: C1039/7058/HCL
;; CURRENT APPLICATION NUMBER: US/10/434,696
;; PRIOR FILING DATE: 2003-05-09
;; PRIOR APPLICATION NUMBER: US 09/325,193
;; PRIOR FILING DATE: 1999-06-03
;; PRIOR APPLICATION NUMBER: US 09/154,614
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: PCT/US98/04703
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: US 60/040,376
;; PRIOR FILING DATE: 1997-03-10
;; NUMBER OF SEQ ID NOS: 98
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 52
;; LENGTH: 24
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-434-696-52

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTTCACATGG 1541
Db 22 GGGGAACAGTTCACATGG 2

RESULT 1026
US-10-023-909A-52/c
;; Sequence 52, Application US/10023909A
;; Publication No. US20020164341A1
;; GENERAL INFORMATION:
;; APPLICANT: Davis, Heather L.
;; APPLICANT: Schorr, Joachim
;; APPLICANT: Krieg, Arthur M.
;; TITLE OF INVENTION: Use of Nucleic Acids Containing
;; FILE OF INVENTION: Unmethylated CpG Dinucleotide as an Adjuvant

```
; FILE REFERENCE: C1039/7058/HCL
; CURRENT APPLICATION NUMBER: US/10/023,909A
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 09/325,193
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: US 09/154,614
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/04703
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 60/040,376
; PRIOR FILING DATE: 1997-03-10
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-023-909A-52
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      1521 GGGGAAACAGTTCTACATGG 1541
Db      22 GGGGAAACAGTTCTCCATGG 2
```

```
RESULT 1027
US-10-112-653-19/c
; Sequence 19, Application US/10112653
; Publication No. US2003050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-19
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAAACAGTTCTACATGG 1541
Db      22 GGGGAAACAGTTCTCCATGG 2
```

```
RESULT 1028
US-10-017-995-19/c
; Sequence 19, Application US/10017995
; Publication No. US2003005501A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Initiation of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
```

```
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-19
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAAACAGTTCTACATGG 1541
Db      22 GGGGAAACAGTTCTCCATGG 2
```

```
RESULT 1029
US-10-300-247-52/c
; Sequence 52, Application US/10300247
; Publication No. US20030091599A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Schorr, Joachim
; APPLICANT: Kriegl, Arthur M.
; TITLE OF INVENTION: Use of Nucleic Acids Containing
; FILE REFERENCE: C1039/7058/HCL
; CURRENT APPLICATION NUMBER: US/10/300,247
; CURRENT FILING DATE: 2002-11-20
; PRIOR APPLICATION NUMBER: US 09/325,193
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: US 09/154,614
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/04703
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 60/040,376
; PRIOR FILING DATE: 1997-03-10
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-300-247-52
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAAACAGTTCTACATGG 1541
Db      22 GGGGAAACAGTTCTCCATGG 2
```

```
RESULT 1030
US-10-161-229-55/c
; Sequence 55, Application US/10161229
; Publication No. US20030100527A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules for
; FILE REFERENCE: C01039/70061
; CURRENT APPLICATION NUMBER: US/10/161,229
; CURRENT FILING DATE: 2002-06-03
```

```

; PRIOR APPLICATION NUMBER: US 09/191,170
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-161-229-55

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTGCATGG 2

RESULT 1031
US-10-187-264A-61/c
; Sequence 61, Application US/10187264A
; Publication No. US20030162734A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Kliman, Dennis
; TITLE OF INVENTION: Methods for Treating and Preventing
; TITLE OF INVENTION: Infectious Disease
; FILE REFERENCE: C01039.70062.US
; CURRENT APPLICATION NUMBER: US/10/187,264A
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/630,319
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-187-264A-61

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTGCATGG 2

RESULT 1032
US-10-265-072-40/c

; Sequence 40, Application US/10265072
; Publication No. US20030166001A1
; GENERAL INFORMATION:
; APPLICANT: Lipford, Grayson
; TITLE OF INVENTION: TOLL-LIKE RECEPTOR 3 SIGNALING AGONISTS AND ANTAGONISTS
; FILE REFERENCE: C01041.70031.US
; CURRENT APPLICATION NUMBER: US/10/265,072
; PRIOR FILING DATE: 2002-10-05
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-265-072-40

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTGCATGG 2

RESULT 1033
US-10-300-892-48
; Sequence 48, Application US/10300892
; Publication No. US20030175970A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850004
; CURRENT APPLICATION NUMBER: US/10/300,892
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US/09/907,719
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: US/09/177,387
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-300-892-48

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129
DB 1 AATTCATGTTGTGACAGCTT 21

RESULT 1034
US-10-306-522-61/c
; Sequence 61, Application US/10306522
; Publication No. US20030191079A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Kliman, Dennis
; APPLICANT: Steinberg, Alfred D.
```

```

1  TITLE OF INVENTION:  Methods for Treating and Preventing
2  TITLE OF INVENTION:  Infectious Disease
3  FILE REFERENCE:  C01039,70062,US
4  CURRENT APPLICATION NUMBER:  US/10/306,522
5  CURRENT FILING DATE:  2002-11-27
6  PRIOR APPLICATION NUMBER:  US 09/630,319
7  PRIOR FILING DATE:  2000-07-31
8  PRIOR APPLICATION NUMBER:  US 08/960,774
9  PRIOR FILING DATE:  1997-10-30
10 PRIOR APPLICATION NUMBER:  US 08/738,652
11 PRIOR FILING DATE:  1996-10-30
12 PRIOR APPLICATION NUMBER:  US 08/386,063
13 PRIOR FILING DATE:  1995-02-07
14 PRIOR APPLICATION NUMBER:  US 08/276,358
15 PRIOR FILING DATE:  1994-07-15
16 NUMBER OF SEQ ID NOS:  124
17 SOFTWARE:  FastSeq for Windows Version 3.0
18 SEQ ID NO 61
19 LENGTH:  24
20 TYPE:  DNA
21 ORGANISM:  Artificial Sequence
22 FEATURE:
23 OTHER INFORMATION:  Synthetic Oligonucleotide
24 US-10-306-522-61

```

Query Match	0.2%	Score 16.2	DB 1	Length 24
Best Local Similarity	85.7%	Pred. No. 1e+03		
Matches 18		Conservative 0	Mismatches 3	Indels 0
				Gaps 0

```

QY      1521 GGGGAAACAGTTCTACAATGG 1541
          |||||
Db      22  GGGGAAACAGTTCGTCCATGG 2

```

```

RESULT 1035
US-10-309-775A-25
; Sequence 25, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2801/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-25

```

Query Match	0.2%	Score 16.2;	DB 1;	Length 24;
Best Local Similarity	85.7%	Pred. No. 1e+03;		
Matches 18; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	4468	TTTTTTTTTTTTTGTCTT	4488
Db	1	TTTTTTTTCATTTGTTTT	21

RESULT 1036
 US-10-719-493-61/c
 : Sequence 61, Application US/10719493
 : Publication No. US2004008758A1
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Kriegl, Arthur M.
 :
 : TITLE OF INVENTION: Methods of Treating Cancer Using
 :
 : TITLE OF INVENTION: Immunostimulatory Oligonucleotides

```

1 FILE REFERENCE: C1039/7021/HCL
2 CURRENT APPLICATION NUMBER: US/10/0719,493
3 PRIOR FILING DATE: 2003-11-21
4 PRIOR APPLICATION NUMBER: US 08/960,774
5 PRIOR FILING DATE: 1997-10-30
6 PRIOR APPLICATION NUMBER: US 08/738,652
7 PRIOR FILING DATE: 1996-10-30
8 PRIOR APPLICATION NUMBER: US 08/386,063
9 PRIOR FILING DATE: 1995-02-07
10 PRIOR APPLICATION NUMBER: US 08/276,358
11 PRIOR FILING DATE: 1994-07-15
12 NUMBER OF SEQ ID NOS: 123
13 SOFTWARE: FastSeq for Windows Version 3.0
14 SEQ ID NO 61
15 LENGTH: 24
16 TYPE: DNA
17 ORGANISM: Artificial Sequence
18 FEATURE:
19 OTHER INFORMATION: Synthetic Oligonucleotide
20 US-10-0719-493-61

```

Query Match	0.2%	Score	16.2	DB	1	Length	24
Best Local Similarity	85.7%	Pred. No.	1e+03				
Matches	18	Conservative	0	Mismatches	3	Indels	0
						Gaps	0

Oy 1521 GGGGAACAGTCTCAATG 1541
| | | | |
Db 22 GGGAAACAGTCGTCCATTG 2

```

RESULT 1037
US-10-627-331-61/C
; Sequence 61, Application US/10627331
; Publication No. US2004010658A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Kriman, Dennis
; APPLICANT: Steinberg, Alfred D.
; TITLE OF INVENTION: Methods for Treating and Preventing
; TITLE OF INVENTION: Infectious Disease
; FILE REFERENCE: C01039, 70062, US
; CURRENT APPLICATION NUMBER: US/10/627,331
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US 09/630,319
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: fastseq for Windows Version 3.0

```

```

;
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

OTHER INFORMATION: Synthetic Oligonucleotide
US-10-627-331-61

Query Match	0.2%	Score 16.2;	DB 1;	Length 24;
Best Local Similarity	85.7%	Pred. No. 1e+03;		
Matches 18; Conservative	0;	Mismatches	3;	Indels 0; Gaps 0;

OY 1521 GGGGAACAGTCTACAATGG 1541
 |||||
Db 22 GGGGAACAGTTCGCCATGG 2

RESULT 1038

Page 342

US-10-666-733-52/c
; Sequence 52, Application US/10666733
; Publication No. US20040131628A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Treatment of
; FILE REFERENCE: C1037.70018US00
; CURRENT APPLICATION NUMBER: US/10/666,733
; PRIOR FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: not yet assigned
; PRIOR FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US 09/801,839
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: US 60/187,834
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-666-733-52

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541
DB 22 GGGGAAACAGTTCTGCATGG 2

RESULT 1039
US-10-815-730-48
; Sequence 48, Application US/10815730
; Publication No. US20040171156A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850004
; CURRENT APPLICATION NUMBER: US/10/815,730
; CURRENT FILING DATE: 2004-04-02
; PRIOR APPLICATION NUMBER: US/09/177,387A
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: US 60/065,930
; PRIOR FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-10-815-730-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129
DB 1 AATTCTCATGTTTGACAGCTT 21

RESULT 1040
US-10-820-133-48
; Sequence 48, Application US/10820133
; Publication No. US20040171157A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850004
; CURRENT APPLICATION NUMBER: US/10/820,133
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US/09/177,387A
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: US 60/065,930
; PRIOR FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-820-133-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129
DB 1 AATTCTCATGTTTGACAGCTT 21

RESULT 1041
US-09-971-353-24
; Sequence 24, Application US/09971353
; Publication No. US20030113723A1
; GENERAL INFORMATION:
; APPLICANT: Bapat, Bharati
; APPLICANT: Rose, Melanie Anne
; TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLE
; FILE REFERENCE: 11757.54USU1
; CURRENT APPLICATION NUMBER: US/09/971,353
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: US 60/237,884
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-971-353-24

Query Match 0.2%; Score 16.2; DB 1; Length 31;
Best Local Similarity 72.4%; Pred. No. 1.4e+03; 8; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4009 TCTAAATGAGAAAAAGAGAAACAA 4037
DB 3 TTTAAAAAAGAAAAAAGAAAAAAGAAAAA 31

RESULT 1042
US-09-984-429-652
; Sequence 652, Application US/09984429
; Publication No. US20040010132A1

```

; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 53 Human Secreted Proteins
; FILE REFERENCE: P2018P2
; CURRENT APPLICATION NUMBER: US/09/984,429
; CURRENT FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/244,591
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCT/US98/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 652
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-984-429-652

Query Match          0.2%; Score 16.2; DB 1; Length 39;
Best Local Similarity 72.4%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy      4008 GCTTAATGAGAAAGAGAGAAACA 4036
Db      7  GTCTCAACAAAAAAGAAAAA 35

RESULT 1043
US-09-739-928-2
; Sequence 2, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;              Lukhtanov, Eugeny A.
;              Gamper, Howard B.
;              Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;              Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
```

```

; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2
```

```

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4479
Db      1  TTTT TTTT TTTT TTTT 16
```

```

RESULT 1044
US-09-152-059-70
; Sequence 70, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENIGER, JESPER
;              NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-70
```

```

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4479
Db      1  TTTT TTTT TTTT TTTT 16
```

RESULT 1045
US-09-263-959-449/c
Sequence 449, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 449:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-449

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5781 TGCCGCTGCTGCC 5796
Db 16 TGCCGCTGCTGCC 1

RESULT 1046
US-09-805-296D-9
Sequence 9, Application US/09805296D
Patent No. US20020155989A1
GENERAL INFORMATION:
APPLICANT: Active Motif
APPLICANT: Efimov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakhmakchcheau, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Hondorp, Kyle
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF US
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/09/805,296D
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30

NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Construct
US-09-805-296D-9

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTT 4479
Db 1 TTTTTTTTTTTTTT 16

RESULT 1047
US-09-843-676-131/c
Sequence 131, Application US/09843676
Patent No. US20020164786A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20020164786A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/843,676
FILING DATE: 26-Apr-2001
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-843-676-131

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1048
US-09-766-253-131/C
; Sequence 131, Application US/09766253
; Publication No. US20020187471A1
; GENERAL INFORMATION:
; APPLICANT: Cecch, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020187471A1 Telomerase
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/766,253
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/846,017
; FILING DATE: 1997-04-25
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-766-253-131

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1049

US-09-438-486-131/C
; Sequence 131, Application US/09438486
; Publication No. US20030009019A1
; GENERAL INFORMATION:
; APPLICANT: Cecch, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20030009019A1 Telomerase
; NUMBER OF SEQUENCES: 223
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/438,486
; FILING DATE: 12-NOV-1999
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002931US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-438-486-131

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1050
US-09-895-585-9
; Sequence 9, Application US/09895585
; Publication No. US20020081725A1

GENERAL INFORMATION:
APPLICANT: Tsang, Wen-Ghnh
APPLICANT: Zheng, Tianli
APPLICANT: Huang, Chang Jiang
APPLICANT: AmCytex, Inc.
TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
TITLE OF INVENTION: Intermediate Stage of Development
FILE REFERENCE: 021164-000100US
CURRENT APPLICATION NUMBER: US/09/895,585
PRIORITY FILING DATE: 2002-12-10
PRIORITY FILING DATE: 2000-06-30
PRIORITY FILING DATE: 2000-11-06
PRIORITY FILING DATE: 2000-11-06
PRIORITY FILING DATE: 2001-05-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
US-09-895-585-9

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6,4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1051
US-10-208-357-22/c
Sequence 22, Application US/10208357
Publication No. US20020182687A1
GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
PRIORITY FILING DATE: 2002-07-30
PRIORITY FILING DATE: 2000-07-19
PRIORITY FILING DATE: 2000-07-19
PRIORITY FILING DATE: 2000-07-19
PRIORITY FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-22

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6,4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1052
US-10-053-758-131/c
Sequence 131, Application US/10053758

Publication No. US20030032075A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.

TITLE OF INVENTION: No. US20030032075A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-053-758-131

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6,4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1053
US-10-054-295-131/c
Sequence 131, Application US/10054295
Publication No. US20030044953A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.

```

;
;      Harley, Calvin
;      Andrews, William H.
;      TITLE OF INVENTION: No. US2003004953A1el Telomerase
;      NUMBER OF SEQUENCES: 225
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Townsend and Townsend and Crew LLP
;      STREET: Two Embarcadero Center, 8th Floor
;      CITY: San Francisco
;      STATE: California
;      COUNTRY: United States of America
;      ZIP: 94111
;
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: Patentin Release #1.0, Version #1.30
;
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/10/054,295
;      FILING DATE: 18-Jan-2002
;      CLASSIFICATION: 536
;
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/854,050
;      FILING DATE: <Unknown>
;      APPLICATION NUMBER: US 08/846,017
;      FILING DATE: 25-APR-1997
;      APPLICATION NUMBER: US 08/844,419
;      FILING DATE: 18-APR-1997
;      APPLICATION NUMBER: US 08/724,643
;      FILING DATE: 01-OCT-1996
;
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Apple, Randolph T.
;      REGISTRATION NUMBER: 36,429
;      REFERENCE/DOCKET NUMBER: 015389-002930US
;
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (415) 576-0200
;      TELEFAX: (415) 576-0200
;
;      INFORMATION FOR SEQ ID NO: 131:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 16 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;
;      SEQUENCE DESCRIPTION: SEQ ID NO: 131:
;
US-10-054-295-131
;
Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4479
Db      16 TTTT TTTT TTTT TTTT 1

RESULT 1054
US-10-054-611-131/C
; Sequence 131, Application US/10054611
; Publication No. US20030059787A1
;
GENERAL INFORMATION:
;
APPLICANT: Cech, Thomas R.
;      Lingner, Joachim
;      Nakamura, Toru
;      Chapman, Karen B.
;      Morin, Gregg B.
;      Harley, Calvin
;      Andrews, William H.
;
TITLE OF INVENTION: No. US20030059787A1el Telomerase
;
NUMBER OF SEQUENCES: 225
;
CORRESPONDENCE ADDRESS:
;
ADDRESSEE: Townsend and Townsend and Crew LLP
;
STREET: Two Embarcadero Center, 8th Floor
;
CITY: San Francisco
;
STATE: California
;

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;
;      COUNTRY: United States of America
;      ZIP: 94111
;
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: Patentin Release #1.0, Version #1.30
;
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/10/054,611
;      FILING DATE: 18-Jan-2002
;      CLASSIFICATION: 536
;
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/854,050
;      FILING DATE: <Unknown>
;      APPLICATION NUMBER: US 08/846,017
;      FILING DATE: 25-APR-1997
;      APPLICATION NUMBER: US 08/844,419
;      FILING DATE: 18-APR-1997
;      APPLICATION NUMBER: US 08/724,643
;      FILING DATE: 01-OCT-1996
;
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Apple, Randolph T.
;      REGISTRATION NUMBER: 36,429
;      REFERENCE/DOCKET NUMBER: 015389-002930US
;
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (415) 576-0200
;      TELEFAX: (415) 576-0300
;
;      INFORMATION FOR SEQ ID NO: 131:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 16 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;
;      SEQUENCE DESCRIPTION: SEQ ID NO: 131:
;
US-10-054-611-131
;
Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4479
Db      16 TTTT TTTT TTTT TTTT 1

RESULT 1055
US-10-072-975-9
; Sequence 9, Application US/10072975
; Publication No. US20030059789A1
;
GENERAL INFORMATION:
;
APPLICANT: Active Motif
;      Efimov, Vladimir
;      APPLICANT: Fernandez, Joseph
;      APPLICANT: Archdeacon, Dorothy
;      APPLICANT: Archdeacon, John
;      APPLICANT: Chakmakcheau, Oksana
;      APPLICANT: Burjakova, Alla
;      APPLICANT: Choob, Mikhail
;
APPLICANT: Honddip, Kyle
;
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U-
;
FILE REFERENCE: AM102.P.1.US
;
CURRENT APPLICATION NUMBER: US/10/072,975
;
CURRENT FILING DATE: 2002-02-09
;
PRIOR APPLICATION NUMBER: US 60/189,190
;
PRIOR FILING DATE: 2000-03-14
;
PRIOR APPLICATION NUMBER: US 60/250,334
;
PRIOR FILING DATE: 2000-11-30
;
PRIOR APPLICATION NUMBER: 09/805,296
;
PRIOR FILING DATE: 2001-03-13
;
PRIOR APPLICATION NUMBER: PCT/US01/0811
;
PRIOR FILING DATE: 2001-03-13
;
NUMBER OF SEQ ID NOS: 36
;
SOFTWARE: Patentin version 3.1
;

```

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1 SEQ ID NO 9
2 LENGTH: 16
3 TYPE: DNA
4 ORGANISM: Artificial Sequence
5 FEATURE:
6 OTHER INFORMATION: Synthetic Construct
7 NAME/KEY: misc feature
8 OTHER INFORMATION: Synthetic Construct
9 US-10-072-575-9

```

```

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6,4e+02;
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

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Qy	4464	4479
Db	1	16

```

RESULT 1056
US-10-227-001-21
Sequence 21, Application US/10227001
Publication NO. US20030113765A1
GENERAL INFORMATION:
APPLICANT: Dempsy, Robert O.
APPLICANT: Atonina, Irina Aleksandrovna
APPLICANT: Vermulen, Nicolaas M.J.
APPLICANT: Enoch Biosciences, Inc.
TITLE OF INVENTION: Hybridization-Tripped Fluorescent
TITLE OF INVENTION: Detection of Nucleic Acids
FILE REFERENCE: 17682A-004210US
CURRENT APPLICATION NUMBER: US/10/227,001
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: US 09/428,236
PRIOR FILING DATE: 1999-10-26
NUMBER OF SEQ. ID NOS: 24
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
US-10-227-001-21

```

Query Match	Score 16; DB 1; Length 16;
Best Local Similarity	100.0%; Pred. No. 6.4e+02;
Matches	16; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY	4464 TTTTTTTTTTTTTTTT 4479
DB	1 TTTTTTTTTTTTTTTT 16

RESULT 1057
US-10-008-029-70
Sequence 70, Application US/10008029
Publication No. US20030134808A1
GENERAL INFORMATION:
APPLICANT: MENDEL, JESPER
APPLICANT: NIELSEN, POUL
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 48165-C2(71994)
CURRENT APPLICATION NUMBER: US/10/008,029
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: 09/152,059
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-03-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682

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Query Match	0.2%	Score 16	DB 1	Length 16
Best Local Similarity	100.0%	Pred. No. 6	4e+02	
Matches 16	Conservative 0	Mismatches 0	Indels 0	Gaps 0

OY	4464	T T T T T T T T T T T T T T T T	4479
Db	1	T T T T T T T T T T T T T T T T	16

```

RESULT 1058
US-10-051-436-9
Sequence 9, Application US/10051436
Publication No. US20030138045A1
GENERAL INFORMATION:
APPLICANT: Active Motif
APPLICANT: Bilmov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakhmakchcheau, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Homodop, Kyle
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/10/051,436
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Construct
US-10-051-436-9

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Query Match	Score 16	DB 1	Length 16
Best Local Similarity	100.0%	Pred. No. 6.4e+02	
Matches	16	Conservative	0
		Mismatches	0
		Indels	0
		Gaps	0
QY	4464	TTTTTTTTTTTTTTTT	4479
Db	1	TTTTTTTTTTTTTTTT	16

RESULT 1059
US-10-208-650-70

```
; Sequence 70, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POU
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-70

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTT 4479
Db      1 TTTT|TTTTTTTTTT 16

RESULT 1060
US-10-203-780-9
; Sequence 9, Application US/10203780
; Publication No. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC
; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOUF, JEAN-LUC
; APPLICANT: DUBREY, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR
; FILE REFERENCE: 226286USOXPT
; CURRENT APPLICATION NUMBER: US/10/203,780
; CURRENT FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: FR 00 02236
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
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; OTHER INFORMATION: SYNTHETIC DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)..(1)_
; OTHER INFORMATION: t is modified with a covalent linkage to flavin
US-10-203-780-9

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTT 4479
Db      1 TTTT|TTTTTTTTTT 16

RESULT 1061
US-10-360-275-9
; Sequence 9, Application US/10360275
; Publication No. US20040014644A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Elimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Choob, Mikhail
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
; FILE REFERENCE: AM102.P.1.1.10S
; CURRENT APPLICATION NUMBER: US/10/360,275
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 10/072,975
; PRIOR FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic Construct
US-10-360-275-9

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTT 4479
Db      1 TTTT|TTTTTTTTTT 16

RESULT 1062
US-10-776-099-9
; Sequence 9, Application US/10776099
; Publication No. US20040141957A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghii
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: AmCye, Inc
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; FILE REFERENCE: 021164-000100S
; CURRENT APPLICATION NUMBER: US/10/776,099
```


;; CURRENT FILING DATE: 2004-02-10
;; PRIOR APPLICATION NUMBER: US/09/895,585
;; PRIOR FILING DATE: 2002-12-10
;; PRIOR APPLICATION NUMBER: US 60/215,634
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: US 60/246,306
;; PRIOR FILING DATE: 2000-11-06
;; PRIOR APPLICATION NUMBER: US 60/291,787
;; PRIOR FILING DATE: 2001-05-17
;; NUMBER OF SEQ ID NOS: 9
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO: 9
;; LENGTH: 16
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
US-10-776-099-9

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
|||||
DB 1 TTTT TTTT TTTT TTTT 16

RESULT 1063
US-10-398-483-10/C
; Sequence 10, Application US/10398483
; Publication No. US20040166499A1
; GENERAL INFORMATION:
; APPLICANT: Hayaishiaki, Yoshihide
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion an
; FILE REFERENCE: 2870-0247P
; CURRENT APPLICATION NUMBER: US/10/398,483
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library
US-10-398-483-10

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
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DB 16 TTTT TTTT TTTT TTTT 1

RESULT 1064
US-09-788-362-3
; Sequence 3, Application US/09788362
; Patent No. US20020009731A1
; GENERAL INFORMATION:
; APPLICANT: Muramatsu, Takamichi
; APPLICANT: Fujita, Takeshi
; APPLICANT: Kiyama, Masaharu
; APPLICANT: Irie, Takeshi
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
; FILE REFERENCE: NIT-129-03
; CURRENT APPLICATION NUMBER: US/09/788,362
; CURRENT FILING DATE: 2001-02-21

;; PRIOR APPLICATION NUMBER: 09/313,637
;; PRIOR FILING DATE: 1999-05-18
;; PRIOR APPLICATION NUMBER: JP 10-153651
;; PRIOR FILING DATE: 1998-05-20
;; NUMBER OF SEQ ID NOS: 4
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO: 3
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-788-362-3

Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT 4484
|||||
DB 2 TTTT TTTT TTTT TTTT 17

RESULT 1065
US-09-090-672B-106
; Sequence 106, Application US/09090672B
; Patent No. US20020068707A1
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
; APPLICANT: Shigemasa; Takei, Masami
; TITLE OF INVENTION: IGA Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; ZIP: 10112-3601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 Inch, 1.44 Mb storage
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Wordperfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-106

Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 0.28; Score 16; DB 1; Length 17;

Query Match 0.28; Score 16; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484
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Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1070
US-10-398-877-20

; Sequence 20, Application US/10398877
; Publication No. US20040058351A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryolchi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Masaya
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07906
; CURRENT APPLICATION NUMBER: US/10/398,877
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08574
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: JP 2000-314093
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-877-20

Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484
|||||
Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1071
US-10-291-808-64

; Sequence 64, Application US/10291808
; Publication No. US20030224382A1
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-64

Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484
|||||
Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1072
US-10-333-461-24

; Sequence 24, Application US/10333461
; Publication No. US20030165952A1
; GENERAL INFORMATION:
; APPLICANT: Global Genomics AB
; APPLICANT: Linmarsson, Sten
; APPLICANT: Enfores, Patrik
; APPLICANT: Baureu, Goran
; TITLE OF INVENTION: Methods for analysis and identification of transcribed
; FILE REFERENCE: smwfp5941752
; CURRENT APPLICATION NUMBER: US/10/333,461
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: GB 0018016.6
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: US 60/219,925
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-333-461-24

Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT G 4479
|||||
Db 1 TTTT TTTT TTTT TTTT G 16

RESULT 1073
US-10-352-253A-24

; Sequence 24, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linmarsson, Sten
; APPLICANT: Enfores, Patrik
; APPLICANT: Baureu, Goran
; APPLICANT: Metels, Acs
; APPLICANT: Pihlak, Arno
; APPLICANT: Montelius, Andreas
; TITLE OF INVENTION: Methods and Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-24

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4479
Db      1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1074
US-10-220-373-9
; Sequence 9, Application US/10220373
; Publication No. US20030180742A1
; GENERAL INFORMATION:
; APPLICANT: MAGASU, Takeshi
; APPLICANT: OSHIDA, Tadafiro
; APPLICANT: OBAVASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SHZ-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-220-373-9

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTT 4484
Db      2 TTTT TTTT TTTT TTTT TTTT 17

RESULT 1075
US-10-352-255A-24
; Sequence 24, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats
; APPLICANT: LINNARSSON, Sten
; APPLICANT: ENNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-24

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4479
Db      1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1076
US-10-380-255-8
; Sequence 8, Application US/10380255
; Publication No. US20040023263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380,255
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-255-8

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTT 4484
Db      2 TTTT TTTT TTTT TTTT TTTT 17

RESULT 1077
US-10-138-674-1072
; Sequence 1072, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1072

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 7e+02;
Matches 2; Conservative 14; Mismatches 0; Indels 0; Gaps 0;
```



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/ Publication No. US20040171571A1
/ GENERAL INFORMATION:
/ APPLICANT: Art. Krieg
/ APPLICANT: Joerg, Volmer
/ TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
/ FILE REFERENCE: C1037.70038US01
/ CURRENT APPLICATION NUMBER: US/10/735,592
/ CURRENT FILING DATE: 2003-12-11
/ NUMBER OF SEQ ID NOS: 69
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 55
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-55

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTT 4478
Db      2 CTTTTTTTTTTTTTTT 17

RESULT 1083
US-09-994-311-7
/ Sequence 7, Application US/09994311
/ Publication No. US20030082556A1
/ GENERAL INFORMATION:
/ APPLICANT: Kaufman, Joseph C.
/ APPLICANT: Roth, Matthew E.
/ APPLICANT: Lizardi, Paul M.
/ APPLICANT: Feng, Li
/ APPLICANT: Latimer, Darin R.
/ TITLE OF INVENTION: Binary Encoded Sequence Tags
/ FILE REFERENCE: AGL 100
/ CURRENT APPLICATION NUMBER: US/09/994,311
/ CURRENT FILING DATE: 2001-11-26
/ PRIOR APPLICATION NUMBER: US/09/637,751
/ PRIOR FILING DATE: 2000-08-11
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-7

Query Match          0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTT 4479
Db      1 TTTTTTTTTTTTTTTT 16

RESULT 1084
US-10-349-143-4670/C
/ Sequence 4670, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marca
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
```

```
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 4670
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-16929 for SEQ 736,
US-10-349-143-4670

Query Match          0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4153 TTTGTTCTCTGACCTG 4168
Db      16 TTTGTTCTCTGACCTG 1

RESULT 1085
US-10-352-179-50/C
/ Sequence 50, Application US/10352179
/ Publication No. US20040006788A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, Guo-liang
/ APPLICANT: Liu, Guifu
/ TITLE OF INVENTION: Procedures and Materials for Confering Disease Resistance in Pla
/ FILE REFERENCE: 22727/04108
/ CURRENT APPLICATION NUMBER: US/10/352,179
/ CURRENT FILING DATE: 2003-01-27
/ PRIOR APPLICATION NUMBER: 60/352,106
/ PRIOR FILING DATE: 2002-01-25
/ NUMBER OF SEQ ID NOS: 97
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 50
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Oryza minuta
US-10-352-179-50

Query Match          0.2%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6082 TTTTCCTTTTACCTGG 6097
Db      17 TTTTCCTTTTACCTGG 2

RESULT 1086
US-10-275-080A-5
/ Sequence 5, Application US/10275080A
/ Publication No. US20040005321A1
/ GENERAL INFORMATION:
/ APPLICANT: Schroder, Klaus Hobe
/ APPLICANT: Schudler, Andrea
/ APPLICANT: Koike, Katsuro
/ TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
/ FILE REFERENCE: 012627-033
/ CURRENT APPLICATION NUMBER: US/10/275,080A
/ CURRENT FILING DATE: 2002-11-01
/ PRIOR APPLICATION NUMBER: PCT/EP01/04918
/ PRIOR FILING DATE: 2001-05-02
```

PRIOR APPLICATION NUMBER: EP 00 109 436.6
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-275-080A-5

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4469 TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT G 16

RESULT 1087
US-10-275-080A-6
Sequence 6, Application US/10275080A
Publication No. US2004005321A1
GENERAL INFORMATION:
APPLICANT: Schroeder, Klaus Hobe
APPLICANT: Schudler, Andrea
APPLICANT: Kolke, Katsuro
TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
FILE REFERENCE: 012627-03
CURRENT APPLICATION NUMBER: US/10/275, 080A
PRIOR FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: PCT/EP01/04918
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: EP 00 109 436.6
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-275-080A-6

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4469 TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT G 16

RESULT 1088
US-10-289-762-4311
Sequence 4311, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffler, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289, 762
PRIOR FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4311
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae

US-10-289-762-4311

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4079 TTGGAATCCTTCCA 4094
Db 2 TTGGAATCCTTCCA 17

RESULT 1089
US-10-688-706-2086
Sequence 2086, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broesch, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688, 706
PRIOR FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2086
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
US-10-688-706-2086

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6976 TAAACCAACAGAA 6991
Db 3 TAAACCAACAGAA 18

RESULT 1090
US-10-688-706-2110
Sequence 2110, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broesch, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688, 706
PRIOR FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2110
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
US-10-688-706-2110

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6976 TAAACCAACAGAA 6991
Db 4 TAAACCAACAGAA 19

RESULT 1091
US-10-688-706-2269
; Sequence 2269, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2269
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2269

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6976 TAAAAACAAAACGAA 6991
Db 2 TAAAAACAAAACGAA 17

RESULT 1092
US-10-688-706-2467
; Sequence 2467, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2467
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2467

Query Match 0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6976 TAAAAACAAAACGAA 6991
Db 1 TAAAAACAAAACGAA 16

RESULT 1093
US-10-332-406A-9
; Sequence 9, Application US/10332406A
; Publication No. US20040103453A1
; GENERAL INFORMATION:
; APPLICANT: Robert Dudler
; APPLICANT: Ulrich schaffrath

; APPLICANT: Kay Ann Lawton
; TITLE OF INVENTION: Lipoxxygenase Genes, Promoters, Transit Peptides and Proteins Ther
; FILE REFERENCE: 31484USPT
; CURRENT APPLICATION NUMBER: US/10/332,406A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: GB 0017275.9
; PRIOR FILING DATE: 2000-07-13
; PRIOR APPLICATION NUMBER: GB 0022739.7
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-332-406A-9

Query Match 0.2%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTTTTTTTTTTTTTT 4478
Db 5 CTTTTTTTTTTTTTTT 20

RESULT 1094
US-09-784-423-92/c
; Sequence 92, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffrey W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
ADDRESSER: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399
; COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026,9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 92
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 92

US-09-784-423-92

Query Match	0.2%	Score 16;	DB 1;	Length 24;
Best Local Similarity	79.2%	Pred. No. 1.1e+03;		
Matches	19;	Conservative	0;	Mismatches 5;
			Indels	0;
			Gaps	0;

5712 TCCTCTTCTCTCTTGGCCTGGCTT 5735

Db 24 TCCTCTCCTCTCCTTTCCTTGTTT 1

RESULT 1095
US-09-828-0

```

Sequence 12, Application US/09828034
Patent No. US20020064771A1
GENERAL INFORMATION:
APPLICANT: Zhong, Weldon
APPLICANT: Hong, Zhi
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIORITY APPLICATION NUMBER: U.S. 60/195,852
PRIORITY FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-12

```

Query Match	0.2%	Score 16;	DB 1;	Length 24;
Best Local Similarity	79.2%	Pred. No. 1.1e+03;		
Matches 19;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0

72 GGGCGGCGCGCGAGCGCCGGG 91

D_b 24 GGGCGGCGGGCGGGCGGGCGGGC 1

RESULT 1096

US-09-999-672-6
 : Sequence 6, Application US/09999672
 : Patent No. US20020127655A1
 : GENERAL INFORMATION:
 : APPLICANT: Eric H. Holmes et al.
 : TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
 : TITLE OF INVENTION: GM1-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
 : TITLE OF INVENTION: THEREOF
 : PILE REFERENCE: 8511-029
 : CURRENT APPLICATION NUMBER: US/09/999,672
 : CURRENT FILING DATE: 2001-10-31
 : PRIOR APPLICATION NUMBER: US/09/298,886
 : PRIOR FILING DATE: 1999-04-26
 : NUMBER OF SEQ ID NOS: 29
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 6
 : LENGTH: 24
 : TYPE: DNA
 : ORGANISM: Artificial Sequence
 : FEATURES:
 : OTHER INFORMATION: Description of Artificial Sequence: primer
 : US-09-999-672-6

Query Match	0.2%	Score 16;	DB 1;	Length 24;
Best Local Similarity	79.2%	Pred. No. 1.1e+03;		
Matches 19;	Conservative	0;	Mismatches 5;	Indels 0;
			Gaps	0

643 GCCCTGGTCAGCGGCAGATCCCT 666

Db 1 GCCATGGCCAGCGCCCAAGTTCCT 24

RESULT 1097

US-09-981-151A-104/C
Sequence 104, Application US/09981151A
Publication No. US20030212256A1

GENERAL INFORMATION:

APPLICANT: Edinger, Shlomit R
APPLICANT: Giedlach, Valerie
APPLICANT: MacDougall, John R
APPLICANT: Malvanekar, Muriel M
APPLICANT: Smithson, Glenda
APPLICANT: Miller, Isabelle
APPLICANT: Peyman, John A
APPLICANT: Stone, David J
APPLICANT: Gunther, Erik
APPLICANT: Billerman, Karen
APPLICANT: Shinkets, Richard A
APPLICANT: Padisgaru, Muralidhara
APPLICANT: Guo, Xiaojia
APPLICANT: Patnurajan, Meera
APPLICANT: Taupier Jr, Raymond J
APPLICANT: Burgess, Catherine E
APPLICANT: Zernusen, Bryan D
APPLICANT: Kekuda, Ramesh
APPLICANT: Szytek, Kimberly A
APPLICANT: Gangoli, Baha A
APPLICANT: Fernandes, Elma R
APPLICANT: Gorman, Linda

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-168

CURRENT APPLICATION NUMBER: US/09/981,151A

OTHER INFORMATION: Description of Artificial Sequence: NOV9 Primer 1
US-09-981-151A-104

QY 1879 CAGACTCTGTCCAACCTCTGCCTC 1902

Db 24 CACAGTCTGTCGACCTCTCACTC 1

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RESULT 1098
US-10-040-863-6
; Sequence 6, Application US/10040863
; Publication No. US20020137165A1
; GENERAL INFORMATION:
; APPLICANT: Eric H. Holmes et al
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
; TITLE OF INVENTION: GM1-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
; FILE REFERENCE: 8511-029
; CURRENT APPLICATION NUMBER: US/10/040,863
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 09/298,886
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 2.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-040-863-6

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY      643 GCCCTGCTCAGCGCCGATCCCT 666
Db      1 GCCATGCCGACGCCGCCGTTCTT 24

RESULT 1099
US-10-085-906-382
; Sequence 382, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 382
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-382

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY      4464 TTTTCTTTTCTTTTCTTCT 4487
Db      1 TTTTCTTTTCTTTTCTTCT 24

RESULT 1100
US-10-205-522-82/c
```

```
; Sequence 82, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 24
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-82

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      24 GAAGAATTTTCTTTTCTTTT 1

RESULT 1101
US-10-057-834A-41/c
; Sequence 41, Application US/10057834A
; Publication No. US2003009960A1
; GENERAL INFORMATION:
; APPLICANT: RATAIN, MARK J.
; APPLICANT: INNOCENTI, FEDERICO
; APPLICANT: DAS, SONA
; APPLICANT: IYER, LALITHA
; APPLICANT: SAWYER, MICHAEL
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS
; TITLE OF INVENTION: PREDICTING UGT2B7 SUBSTRATE TOXICITY
; FILE REFERENCE: ARCD:358US
; CURRENT APPLICATION NUMBER: US/10/057,834A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-057-834A-41

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      24 GAAGAATTTTCTTTTCTTTT 1

RESULT 1102
US-10-084-839-3553/c
; Sequence 3553, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hachim
```

APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Biss, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowick, Andrew A.
APPLICANT: Lyamichew, Victor
APPLICANT: Lyamichewa, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Teetaka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FOS-06666
CURRENT APPLICATION NUMBER: US/10/084, 839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3553
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-3553

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1349 GCCTGATGAGATGCCGCTCA 1372
DB 24 GCCTGACGAGATGTGAGCAACA 1

RESULT 1103
US-10-309-775A-23
Sequence 23, Application US/10309775A
Publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309, 775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-309-775A-23

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4464 TTTTTCATTTGTTTGTCT 4487
||||| ||||| ||||| |||||

DB 1 TTTTTCATTTGTTTGTCT 24

RESULT 1104
US-10-309-775A-24
Sequence 24, Application US/10309775A
Publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309, 775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-309-775A-24

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4464 TTTTTCATTTGTTTGTCT 4487
DB 1 TTTTTCATTTGTTTGTCT 24

RESULT 1105
US-10-665-460A-30
Sequence 30, Application US/10665460A
Publication No. US20040096934A1
GENERAL INFORMATION:
APPLICANT: Freysinet, Georges
APPLICANT: Rang, Cecile
TITLE OF INVENTION: Pepsin-sensitive modified Bacillus thuringiensis insecticidal
FILE REFERENCE: A35992-PCT-USA-A (072667, 0191)
CURRENT APPLICATION NUMBER: US/10/665, 460A
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: PCT/FR02/00772
PRIOR FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: FR 01/03691
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 30
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Artificial sequence description: mutant 18
US-10-665-460A-30

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4463 CTTTTCATTTTTCATTTTTC 4486
DB 1 CTTTTCATTTTTCATTTTTC 24

RESULT 1106
US-09-883-119A-34
Sequence 34, Application US/09883119A

```
; Publication No. US20030104520A1
; GENERAL INFORMATION:
; APPLICANT: The University of Texas System Board of Regents
; TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids
; FILE REFERENCE: 119927-1050
; CURRENT APPLICATION NUMBER: US/09/883,119A
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: 60/212,097
; PRIOR FILING DATE: 2000-06-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: subetrate
US-09-883-119A-34

Query Match          0.2%; Score 16; DB 1; Length 28;
Best Local Similarity 75.0%; Pred. NO. 1.3e+03;
Matches 18; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAACAAATG 4041
      1 ||||| ||||| ||||| |||||
      1 AAAAAAAAAAAAAAAAAAAAAAUG 24

RESULT 1107
US-10-447-073-3
; Sequence 3, Application US/10447073
; Publication No. US20040096856A1
; GENERAL INFORMATION:
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Bernal, Yasmitth
; TITLE OF INVENTION: Method for Attachment of Silylated Molecules to Glass Surfaces
; FILE REFERENCE: 02-334-A
; CURRENT APPLICATION NUMBER: US/10/447,073
; PRIOR FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: US 60/383,564
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Probe FV (13D)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n = epiendrosterone
US-10-447-073-3

Query Match          0.2%; Score 16; DB 1; Length 32;
Best Local Similarity 79.2%; Pred. NO. 1.5e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAGAAACAAATGTT 4043
      2 ||||| ||||| ||||| |||||
      2 AAAAAAAAAAAAAAAAAAAATATT 25

RESULT 1108
US-10-349-143-5276/C
; Sequence 5276, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

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; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5276
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-23123 for SEQ 1342,
US-10-349-143-5276

Query Match          0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. NO. 8.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3851 CTCCTTTCTCCTTATTC 3869
      19 ||||| ||||| ||||| |||||
      19 CTCCTTTCTCCTTATTC 1

RESULT 1109
US-10-665-951-122
; Sequence 122, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 122
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-665-951-122
Query Match      0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.7e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      3649 GGGGAGAAATACCCGAGA 3667
      |||||:|||||
Db      1 GGGGAGAAATCCTCCAGA 19

RESULT 1110
US-10-665-951-549/c
; Sequence 549, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Belgelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 549
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-549
Query Match      0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3649 GGGGAGAAATACCCGAGA 3667
      |||||:|||||
Db      19 GGGGAGAAATCCTCCAGA 1

RESULT 1111
US-09-969-852-11
; Sequence 11, Application US/09969852
; Patent No. US20020137211A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Liu, Tianyan
; APPLICANT: Liu, Huifen
; APPLICANT: Li, Wei
; APPLICANT: Zhao, Libin
; TITLE OF INVENTION: A METHOD FOR ESTABLISHING AN EXPRESSION SYSTEM OF SPIDER DRAGLIN
; FILE REFERENCE: LIU-65
; CURRENT APPLICATION NUMBER: US/09/969,852
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: CN01106406.4
; PRIOR FILING DATE: 2001-01-02
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-969-852-11
Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAG 7433
      |||||:|||||
Db      1 GCAGCAGCAGCAGCAGCAG 19

RESULT 1112
US-09-955-410-5/c
; Sequence 5, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Nielsen, Peter Esgil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: IS154800
; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 06/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-5
Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4463 CTTTCTTTCTTTCTTTCTTT 4481
      |||||:|||||
Db      19 CTTTCTTTCTTTCTTTCTTT 1

RESULT 1113
US-09-774-809-14
; Sequence 14, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
```

```

; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-774-809-14

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5876 GGCTTAGCTCCTTGACTGC 5894
Db      2  GGCTTAGCTTCTTGATTGC 20

RESULT 1114
US-09-904-968A-108
; Sequence 108, Application US/09904968A
; Publication No. US2003008288A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: GERMINO, Gregory
; APPLICANT: WATNICK, Terry
; TITLE OF INVENTION: PHAKDEKITCHAROEN, Bunyong
; FILE REFERENCE: JHU1680-2
; CURRENT APPLICATION NUMBER: US/09/904,968A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/283,691
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/218,261
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer 19R
; US-09-904-968A-108

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5275 GGGAGCAGGTGGCAGCTC 5293
Db      1  GTGAGCAGGTGGCAGCTC 19

RESULT 1115
US-09-888-326-410
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 410
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
; US-09-888-326-410

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GGCTGGGGGGCGGCGGCG 82
Db      1  GGCGGCGGCGGCGGCGGCG 19

RESULT 1116
US-09-776-479-243
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Rouyon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-776-479-243

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GGCTGGGGGGCGGCGGCG 82
Db      1  GGCGGCGGCGGCGGCGGCG 19

RESULT 1117
US-09-776-479-243
; Sequence 243, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Rouyon, Yves
```

```

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GCGTCGGGGGGCGGCGCG 82
DB      1 GCGCGCGCGCGCGCGCGCG 19

RESULT 1118
US-09-965-101-57
; Sequence 57, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-965-101-57

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GCGTCGGGGGGCGGCGCG 82
DB      1 GCGCGCGCGCGCGCGCGCG 19

RESULT 1119
US-10-345-444B-14
; Sequence 14, Application US/1034544B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett

; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODU
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-14

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5876 GCGTACCTCCTGACTGC 5894
DB      2 GCGTACCTCTTGATTGC 20

RESULT 1120
US-10-380-126-39/C
; Sequence 39, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-39

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCA 7432
DB      20 AGCAGCAGCTCCAGCAGCA 2

RESULT 1121
US-10-312-184A-21
; Sequence 21, Application US/10312184A
; Publication No. US20040038236A1
; GENERAL INFORMATION:
; APPLICANT: Biomimics Limited
```

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; APPLICANT: Wallace, Robyn H
; APPLICANT: Mulley, John C
; APPLICANT: Berkovic, Samuel F
; APPLICANT: Harkin, Louise A
; APPLICANT: Dibbens, Leanne M
; TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
; FILE REFERENCE: 1386/10
; CURRENT APPLICATION NUMBER: US/10/312,184A
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-312-184A-21

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3841 CCACTTATGCTCTCTTTC 3859
          |||||
          1 CCACTTATACCTCTCTTCC 19

Db

RESULT 1122
US-10-275-080A-7
; Sequence 7, Application US/10275080A
; Publication No. US2004005321A1
; GENERAL INFORMATION:
; APPLICANT: Schroder, Klaus Hobe
; APPLICANT: Schubler, Andrea
; APPLICANT: Koike, Katsuro
; TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
; FILE REFERENCE: 012627-033
; CURRENT APPLICATION NUMBER: US/10/275,080A
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: PCT/EP01/04918
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: EP 00 109 436.6
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-275-080A-7

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4469 TTTTCTTTTCTGCT 4487
          |||||
          1 TTTTCTTTTCTGCT 19

Db

RESULT 1123
US-10-683-386-35/c
; Sequence 35, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KURANE, TAKAHIRO
; APPLICANT: KANAGAWA, YOSHIO
; APPLICANT: KANAGAWA, YOSHIKI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
```

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; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-35

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6681 GTTATTTTATTATATAT 6699
          |||||
          19 GTTATTTTATTATATAT 1

Db

RESULT 1124
US-10-105-021-3
; Sequence 3, Application US/10105021
; Publication No. US20030018995A1
; GENERAL INFORMATION:
; APPLICANT: Sawestdeutsche Saatzuucht Dr. H.R. Spth
; TITLE OF INVENTION: Plants with a modified flower and seed development
; FILE REFERENCE: 23087
; CURRENT APPLICATION NUMBER: US/10/105,021
; CURRENT FILING DATE: 2002-03-22
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Zea mays
US-10-105-021-3

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      567 TGGGAGGAGGAGATCGA 585
          |||||
          2 TGGGAGGAGGAGATCGA 20

Db

RESULT 1125
US-10-314-578-243
; Sequence 243, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
```


;; PRIOR FILING DATE: 2000-08-23
;; NUMBER OF SEQ ID NOS: 1145
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 243
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-243

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 64 GGCTGGCGGGCGGGCGCG 82
Db 1 GGCGCGCGGGCGGGCGCG 19

RESULT 1126

US-10-040-430-59/c
;; Sequence 59, Application US/10040430
;; Publication No. US20030049641A1
;; GENERAL INFORMATION:
;; APPLICANT: Crabtree, Gerald R.
;; APPLICANT: No. US20030049641A1throp, Jeffrey P.
;; APPLICANT: Ho, Stefan M.
;; APPLICANT: Plasmagen, William M.
;; TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS
;; TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING
;; FILE REFERENCE: APV-008.04
;; CURRENT FILING DATE: 2002-01-07
;; PRIOR APPLICATION NUMBER: US/10/040.430
;; PRIOR FILING DATE: 1999-01-15
;; PRIOR APPLICATION NUMBER: 08/507,032
;; PRIOR FILING DATE: 1995-07-31
;; PRIOR APPLICATION NUMBER: 08/228,944
;; PRIOR FILING DATE: 1994-04-18
;; PRIOR APPLICATION NUMBER: 07/749,385
;; PRIOR FILING DATE: 1991-08-22
;; PRIOR APPLICATION NUMBER: 08/260,174
;; PRIOR FILING DATE: 1994-06-13
;; PRIOR APPLICATION NUMBER: 08/124,981
;; PRIOR FILING DATE: 1993-09-20
;; NUMBER OF SEQ ID NOS: 62
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 59
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Unknown
;; FEATURE:
;; OTHER INFORMATION: Description of Unknown Organism: putative NF-AT
;; OTHER INFORMATION: binding site
US-10-040-430-59

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 5308 AGTTGTGTTCTCTCTCTT 5326
Db 20 AGCTGTGTTCTCTCTCTT 2

RESULT 1127

US-10-112-653-235
;; Sequence 235, Application US/10112653
;; Publication No. US20030050268A1
;; GENERAL INFORMATION:
;; APPLICANT: Kries, Arthur M.
;; APPLICANT: Berg, Daniel J.

;; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
;; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
;; FILE REFERENCE: C01039/70060(AWS)
;; CURRENT APPLICATION NUMBER: US/10/112,653
;; CURRENT FILING DATE: 2002-03-29
;; PRIOR APPLICATION NUMBER: US 60/279,642
;; PRIOR FILING DATE: 2001-03-29
;; NUMBER OF SEQ ID NOS: 1040
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 235
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-235

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 64 GGCTGGCGGGCGGGCGCG 82
Db 1 GGCGCGCGGGCGGGCGCG 19

RESULT 1128

US-10-017-995-243
;; Sequence 243, Application US/10017995
;; Publication No. US2003005501A1
;; GENERAL INFORMATION:
;; APPLICANT: Bratzler, Robert L.
;; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
;; FILE REFERENCE: C1037/7025 (HCL/MAT)
;; CURRENT APPLICATION NUMBER: US/10/017,995
;; CURRENT FILING DATE: 2001-12-18
;; PRIOR APPLICATION NUMBER: US 60/255,534
;; PRIOR FILING DATE: 2000-12-14
;; NUMBER OF SEQ ID NOS: 1093
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 243
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 64 GGCTGGCGGGCGGGCGCG 82
Db 1 GGCGCGCGGGCGGGCGCG 19

RESULT 1129

US-10-209-608-35/c
;; Sequence 35, Application US/10209608
;; Publication No. US20030082592A1
;; GENERAL INFORMATION:
;; APPLICANT: KURANE, RYUICHIRO
;; APPLICANT: KANAGAWA, TAKAHIRO
;; APPLICANT: KANAGAWA, YOICHI
;; APPLICANT: YAMADA, KAZUTAKA
;; APPLICANT: YOKOMAKU, TOYOKAZU
;; APPLICANT: KOTAMA, OSAMU
;; APPLICANT: FURUSHO, KENTA
;; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MC
;; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
;; TITLE OF INVENTION: THE METHOD
;; FILE REFERENCE: 199953USOXDIY

```
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-35
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6681 GTATTATTATATATAT 6699
Db      19 GTTTTATATATATAT 1
```

```
RESULT 1130
US-10-083-246A-121
; Sequence 121, Application US/10083246A
; Publication No. US20030152935A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; TITLE OF INVENTION: DISEASE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-121
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5275 GGGAGCAGGTGGCAGCCTC 5293
Db      1 GTGAGCAGGTGGCAGCTCTC 19
```

```
RESULT 1131
US-10-154-890-5/c
; Sequence 5, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Sigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: IS150540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
```

```
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1e1 Sequence
US-10-154-890-5
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4463 CTTTTTTTTTTTTTTTTT 4481
Db      19 CTTTTTTTTTCTCTT 1
```

```
RESULT 1132
US-10-032-585-4081/c
; Sequence 4081, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4081
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7412 TCAGCAGCAGCAGCAGCAG 7430
Db      19 TCAGCTGAGCAGCAGCAG 1
```

```
RESULT 1133
US-10-168-989-35/c
; Sequence 35, Application US/10168989
; Publication No. US20030190631A1
; GENERAL INFORMATION:
; APPLICANT: Chartier-Harlin et al.
; TITLE OF INVENTION: Implication of a known gene named CP2/LSF-LBP-1 in
; FILE REFERENCE: P07660500/BAS
; CURRENT APPLICATION NUMBER: US/10/168,989
; CURRENT FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-168-989-35
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 3670 CACAAACCTCCAGCCAGA 3688
DB 19 CACCAACCCAGCCAGCA 1

RESULT 1134
US-10-168-989-36
; Sequence 36, Application US/10168989
; Publication No. US20030190631A1
; GENERAL INFORMATION:
; APPLICANT: Charlier-Harlin et al.
; TITLE OF INVENTION: Implication of a known gene named CP2/USF-1BP-1 in
; FILE REFERENCE: P07660S00/BAS
; CURRENT APPLICATION NUMBER: US/10168,989
; CURRENT FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-168-989-36

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3670 CACAAACCTCCAGCCAGA 3688
DB 2 CACCAACCCAGCCAGCA 20

RESULT 1135
US-10-148-835-86/c
; Sequence 86, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
US-10-148-835-86

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAG 7433
DB 19 GCAGCAGCAGCAGCAGCG 1

RESULT 1136
US-10-399-214-99/c
; Sequence 99, Application US/10399214
; Publication No. US20040023914A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION

FILE REFERENCE: RTSP-0191
; CURRENT APPLICATION NUMBER: US/10/399,214
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 09/690,364
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO: 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-399-214-99

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5475 TTTTGTAAGATATT 5493
DB 20 TTTTGTAAGATATT 2

RESULT 1137
US-10-274-311-13/c
; Sequence 13, Application US/10274311
; Publication No. US2004007571A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Aparna Satchy
; APPLICANT: Thomas Mcgonigal
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC14A EXPRESSION
; FILE REFERENCE: R1S-0262
; CURRENT APPLICATION NUMBER: US/10/274,311
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO: 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-311-13

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAG 7433
DB 20 GCAGCAGCTGCAGCAGCG 2

RESULT 1138
US-10-274-387-13/c
; Sequence 13, Application US/10274387
; Publication No. US20040077085A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC14A EXPRESSION
; FILE REFERENCE: R1S-0172
; CURRENT APPLICATION NUMBER: US/10/274,387
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO: 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-387-13

Query Match 0.2%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7415 GCACGACGACGACGACG 7433
Db 20 GCACGACGCTGCACGACCG 2

RESULT 1139

US-10-303-165-60/c

Sequence 60, Application US/10303165

Publication No. US20040101847A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: MODULATION OF NOTCH2 EXPRESSION

FILE REFERENCE: RTS-0387

CURRENT APPLICATION NUMBER: US/10/303,165

CURRENT FILING DATE: 2002-11-22

NUMBER OF SEQ ID NOS: 152

SEQ ID NO 60

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-165-60

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5020 CTCGGGAGGAGGACGCTC 5038
Db 19 CTCGCCGAGGAGGACGCTC 1

RESULT 1140

US-10-688-706-2293

Sequence 2293, Application US/10688706

Publication No. US20040102412A1

GENERAL INFORMATION:

APPLICANT: Broeschat, Kay

TITLE OF INVENTION: ANTISENSE MODULATION OF GPAT EXPRESSION

FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: PatentIn version 3.2

SEQ ID NO 2293

LENGTH: 20

TYPE: DNA

ORGANISM: artificial

FEATURE:

OTHER INFORMATION: human GPAT antisense
US-10-688-706-2293

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6971 TGAGCTAAAACAAACAG 6989
Db 2 TGATTAAAAACAAACAG 20

RESULT 1141

US-10-316-243-94/c

Sequence 94, Application US/10316243

Publication No. US2004010147A1

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie

APPLICANT: Ravi Jain

TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION

FILE REFERENCE: RTS-0462

CURRENT APPLICATION NUMBER: US/10/316,243

CURRENT FILING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 168

SEQ ID NO 94

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-94

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6645 AGCCAAAAGCAGTTTGG 6663
Db 19 AGGAAAAGCAGTTTGG 1

RESULT 1142

US-10-316-243-165

Sequence 165, Application US/10316243

Publication No. US2004010147A1

GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

APPLICANT: Ravi Jain

TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION

FILE REFERENCE: RTS-0462

CURRENT APPLICATION NUMBER: US/10/316,243

CURRENT FILING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 168

SEQ ID NO 165

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-316-243-165

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6645 AGCCAAAAGCAGTTTGG 6663
Db 2 AGGAAAAGCAGTTTGG 20

RESULT 1143

US-10-316-755-19

Sequence 19, Application US/10316755

Publication No. US2004010152A1

GENERAL INFORMATION:

APPLICANT: Brenda F. Baker

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION

FILE REFERENCE: RTS-0381

CURRENT APPLICATION NUMBER: US/10/316,755

CURRENT FILING DATE: 2002-12-10

NUMBER OF SEQ ID NOS: 277

SEQ ID NO 19

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-19

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAG 7433
DB 1 GCAGCAGCAGCAGCAGCAG 19

RESULT 1144
US-10-316-755-174/c
; Sequence 174, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: R1S-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-755-174

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAG 7433
DB 20 GCAGCAGCAGCAGCAGCAG 2

RESULT 1145
US-10-679-064-24
; Sequence 24, Application US/10679064
; Publication No. US20040126795A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Tun-Ping
; APPLICANT: Hopkings, Nick
; APPLICANT: Sasaki, Shoji
; APPLICANT: Wang, Lizhen
; APPLICANT: Baaslaensen, John
; APPLICANT: Wilson, Eldon
; APPLICANT: Mileham, Alan
; APPLICANT: Deeb, Nader
; TITLE OF INVENTION: GENETIC MARKERS ASSOCIATED WITH SCROTAL HERNIAS IN PIGS
; FILE REFERENCE: P05787US01
; CURRENT APPLICATION NUMBER: US/10/679,064
; CURRENT FILING DATE: 2003-10-03
; PRIOR APPLICATION NUMBER: US 60/416,211
; PRIOR FILING DATE: 2002-10-03
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Sus scrofa
US-10-679-064-24

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2998 CCCCCACCCCTACCCCAT 3016
DB 1 CCCCCACCCCATCCTCAT 19

RESULT 1146
US-09-946-374-105/c
; Sequence 105, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
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; PRIOR APPLICATION NUMBER: 60/099336
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; PRIOR APPLICATION NUMBER: 60/099815
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-17
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PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
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1	PRIOR	FILING DATE:	1998-09-30	60/102487
2	PRIOR	APPLICATION NUMBER:	60/102487	
3	PRIOR	FILING DATE:	1998-09-30	60/102570
4	PRIOR	APPLICATION NUMBER:	60/102570	
5	PRIOR	FILING DATE:	1998-09-30	60/102571
6	PRIOR	APPLICATION NUMBER:	60/102571	
7	PRIOR	FILING DATE:	1998-09-30	60/102684
8	PRIOR	APPLICATION NUMBER:	60/102684	
9	PRIOR	FILING DATE:	1998-10-01	60/102687
10	PRIOR	APPLICATION NUMBER:	60/102687	
11	PRIOR	FILING DATE:	1998-10-01	60/102965
12	PRIOR	APPLICATION NUMBER:	60/102965	
13	PRIOR	FILING DATE:	1998-10-02	60/103258
14	PRIOR	APPLICATION NUMBER:	60/103258	
15	PRIOR	FILING DATE:	1998-10-06	60/103314
16	PRIOR	APPLICATION NUMBER:	60/103314	
17	PRIOR	FILING DATE:	1998-10-07	60/103315
18	PRIOR	APPLICATION NUMBER:	60/103315	
19	PRIOR	FILING DATE:	1998-10-07	60/103328
20	PRIOR	APPLICATION NUMBER:	60/103328	
21	PRIOR	FILING DATE:	1998-10-07	60/103395
22	PRIOR	APPLICATION NUMBER:	60/103395	
23	PRIOR	FILING DATE:	1998-10-07	60/103678
24	PRIOR	APPLICATION NUMBER:	60/103678	
25	PRIOR	FILING DATE:	1998-10-07	60/103679
26	PRIOR	APPLICATION NUMBER:	60/103679	
27	PRIOR	FILING DATE:	1998-10-08	60/103751
28	PRIOR	APPLICATION NUMBER:	60/103751	
29	PRIOR	FILING DATE:	1998-10-08	60/104257
30	PRIOR	APPLICATION NUMBER:	60/104257	
31	PRIOR	FILING DATE:	1998-10-14	60/104987
32	PRIOR	APPLICATION NUMBER:	60/104987	
33	PRIOR	FILING DATE:	1998-10-20	60/105000
34	PRIOR	APPLICATION NUMBER:	60/105000	
35	PRIOR	FILING DATE:	1998-10-20	60/105002
36	PRIOR	APPLICATION NUMBER:	60/105002	
37	PRIOR	FILING DATE:	1998-10-20	60/105104
38	PRIOR	APPLICATION NUMBER:	60/105104	
39	PRIOR	FILING DATE:	1998-10-21	60/105169
40	PRIOR	APPLICATION NUMBER:	60/105169	
41	PRIOR	FILING DATE:	1998-10-22	60/105266
42	PRIOR	APPLICATION NUMBER:	60/105266	
43	PRIOR	FILING DATE:	1998-10-22	60/105633
44	PRIOR	APPLICATION NUMBER:	60/105633	
45	PRIOR	FILING DATE:	1998-10-26	60/105694
46	PRIOR	APPLICATION NUMBER:	60/105694	
47	PRIOR	FILING DATE:	1998-10-26	60/105807
48	PRIOR	APPLICATION NUMBER:	60/105807	

Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGC 7431
Db 20 CAGGAGCAACAGCAGCAGC 2

RESULT 1147
US-10-015-395A-105/c
; Sequence 105, Application US/10015395A
; Publication No. US20040073015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

```
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC57
; CURRENT APPLICATION NUMBER: US/10/015,395A
; PRIOR FILING DATE: 2001-12-12
; PRIOR APPLICATION REMOVED - See file Wrapper or Palm
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-395A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1148
US-10-006-485A-105/C
; Sequence 105, Application US/10006485A
; Publication No. US20030064062A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC9
; CURRENT APPLICATION NUMBER: US/10/006,485A
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
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; PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-10-01
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PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
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PRIOR FILING DATE: 1998-10-07
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PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002

PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGC 7431
Db 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1149

US-10-013-907A-105/C

Sequence 105, Application US/10013907A

Publication No. US20030064925A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Bolstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C34

CURRENT APPLICATION NUMBER: US/10/013.907A

CURRENT FILING DATE: 2001-12-10

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 105

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-907A-105

Query Match 0.2%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGC 7431
Db 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1150


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US-10-015-499A-105/c
; Sequence 105, Application US/10015499A
; Publication No. US20030065142A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C42
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-499A-105
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Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2
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RESULT 1151
US-10-226-254A-105/c
; Sequence 105, Application US/10226254A
; Publication No. US20030224478A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C68
; CURRENT FILING DATE: 2002-08-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-105
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; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-254A-105
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Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2
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RESULT 1152
US-10-006-856A-105/c
; Sequence 105, Application US/10006856A
; Publication No. US20030044841A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C14
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-105
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```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2
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RESULT 1153
US-10-006-818A-105/c
; Sequence 105, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1154
US-10-015-393A-105/c
; Sequence 105, Application US/10015393A
; Publication No. US20030069179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1155
US-10-015-869A-105/c
; Sequence 105, Application US/10015869A
; Publication No. US20030073130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C45
; CURRENT APPLICATION NUMBER: US/10/015,869A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1156
US-10-012-121A-105/c
; Sequence 105, Application US/10012121A
; Publication No. US20030073810A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```